Yahoo Group Archive:
FT-707

Yahoo Group summary: Yaesu Musen HF transceiver

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2003-06-13 through 2017-04-24

Source WARC: ft-707.3VOMhSM.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-04-30T20-36-38Z-2cfe2f

Messages included in this PDF: 1576

Messages omitted as spam from this PDF: 3

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. New FT-707

Yahoo group: FT-707
Date: 2003-06-13 23:05:38 UTC
From: Pete
Topic: 1 Message: 1

Hi guys,

You guys certainly have been very quiet in this group. I didn't even know there were members in this group! Welcome!
Anyway, I once owned an FT-707 and I made QSO's all over with it back in the beginning of the 90's. I remember even talking to a guy in Japan on 40meters.
At the time, all I had was a dipole but this location near Montreal, Canada seems to be very nice for HF propagation. Maybe it has to do with the ground?

Afterwards, I purchased an IC-751A brand new but for some reason, never liked it like my 707 (I guess I'm more of a Yaesu guy).
The radio was certainly not very clean. The casing had been painted black tar and the 10m band had been replaced with 11m.

When I got rid of this rig, I always somehow knew I would get another one around the corner so I opened this group recently, actively looking for one for sale.

I finally found one for sale and it's on it's way as we speak!
I can't wait...

It's been a long time but what I remember from this rig is that it was built so sturdy and is quite small enough to be used in the mobile.

Are you guys using your FT-707 as a primary or secondary rig?

It would be nice to have some activity on this group! Please remember, this is YOUR group so please make yourself feel at home.

I look forward to have the chance to talk to you guys on the group.

Best 73's

Pierre, VE1HE/K6
San Diego, California.

2. Promoting our group!

Yahoo group: FT-707
Date: 2003-06-19 22:00:43 UTC
From: Pete
Topic: 2 Message: 2

Hey guys,

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

You may also send an invite message from our group's pannel INVITE under PROMOTE. http://groups.yahoo.com/group/FT-707/subs_invite and then clip and paste the invitation template below!
The only other piece of information you'll need to know is the person's email address and up you go.
Just clip and paste! It only takes seconds...

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

3. File - Promoting our group

Yahoo group: FT-707
Date: 2003-07-01 15:41:56 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 3

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

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Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

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- exchange comments and concerns of general interest,
- get audio reports from other members,
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As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

4. Thanks for the Offer to Join, etc.

Yahoo group: FT-707
Date: 2003-07-03 22:33:03 UTC
From: Steven Gehring
Topic: 4 Message: 4

Pierre - VE1HE/K6,

Thanks for the offer to join. I have the 707 setup shown in the picture on the main group page - the FT-707 and FV-707DM. Both work quite well today.

Here are a couple of tips and questions I have about the rig as of this moment:

1. I encountered a freq counter display lock issue when transmitting a few months back. I noticed the rig had been operating in the shack for a few hours and was rather hot around the top front, or above the display. I surmised that their maybe a overheating condition, so I did a little searching on the internet concerning this issue with the 707. I found a reference to it at:

http://www.mods.dk/

I rotated the top cover 180 degrees as Nigel, G4NRR, suggested, and voila, no more overheating and display issues. Since the face of my rig is tilted upward a bit, the natural convection to the now properly placed vent holes takes place.

2. My rig has the cw filter installed. But, the attenuation inserted into the receiver when I switch to CW-N is just too great. Has anyone seen this? The filter works great, the the attenuation is on the order of 20 dB or more - NOT normal. Any suggestions???

73 de Steve, KZ9G

5. Re: [FT-707] Thanks for the Offer to Join, etc.

Yahoo group: FT-707
Date: 2003-07-03 23:10:16 UTC
From: Pierre, VE1HE
Topic: 4 Message: 5

Hi Steve and welcome to our group!

We are just starting so the more we are the better!!! Your contribution is unvaluable....
Thanks for accepting the invitation.
You may want to have a look under DATABASE | INVITATION LIST and simply put today's date next to your call sign in the DATE JOINED GROUP FIELD so we all know you are an active member. Once a date is inserted in this field, I will simply delete the record off the list.

I don't have the FV-707DM nor the antenna tuner. Simply the FT-707 and the FP-707.

As far as the mod is concerned, I certainly understand that it might temporarily fix the problem but I'm not quite sure if it's the right thing to do. Mind you, I'm not a Connoiseur or even an electronics technician. Maybe we have more knowledgeable members on the group whose input might be more interesting than mine but here's my 2cents worth...

When I received my rig, I had in mind to do this modification by turning the cover 180 degrees but when I opened the rig, I realised that the back vent on the top casing is exactly aligned with where the RF module is located (the golden faraday cage).
On transmit, this area becomes hot and thus the heatsink dissipate some of that heat and so does the fan (whenever it kicks in).
However, by rotating the top cover, the heat from the PA/RF module no longer can come out through the holes of the faraday cage and then right out because the cover is fllush against it...
Therefore, the heat has to come out somehow and as you mentionned convects through the front part of the rig and then gets out that way.

My reservation on this mod is the following:
1- If the rig is operated on a horizontal plane, you don't get the convection effect and it may only make things worse
2- If you do decide to operate the rig at an angle, I'm concerned that the heat that couldn't make it's way out directly from the PA section at the back, by convecting towards the front of the rig, may overheat and maybe even prematurely dry out the components at the front years in advance of their normal replacement period time.

Does that make any sense?
If I was equiped well enough, I would make a new set of holes across the top to paliate to that problem.
But since I know I'd probably do a lousy job at it and it wouldn't be a professional look, I might consider installing a little fan inside the casing that would blow from the components side to the PA area and then out. Obviously, there would have to be an air intake in that design, so I might just cut a little hole at the bottom of the rig towards the front so it wouldn't look awful when you look at it...
I would have to open the rig for that to make sure it would be efficient (if the PC boards are covering the entire surface inside, it wouldn't allow for the air to come in through the bottom, up at the front and then through the fan, via the PA and up through the vent

area...

Oh well... tell me what you think about this idea...

As for the CW filter, I have no idea. Maybe someone else might be able to help you there. Could it be like just an adjustment issue maybe?. GL

I know I saw on the web someone who detailed a nice way to make a CW filter using 4 OP-Amps in cascade and they say it works pretty well...
I'm sure we can come up with something interesting on the group as an alternate solution or for people who don't have the filter installed...

Do you have any problems when turning the main dial at all? Friction like resistance when the rig heats up now that you flipped the cover?

Pierre.

----- Original Message -----
From: Steven Gehring
To: FT-707@yahoogroups.com
Sent: Thursday, July 03, 2003 3:33 PM
Subject: [FT-707] Thanks for the Offer to Join, etc.

Pierre - VE1HE/K6,

Thanks for the offer to join. I have the 707 setup shown in the picture on the main group page - the FT-707 and FV-707DM. Both work quite well today.

Here are a couple of tips and questions I have about the rig as of this moment:

1. I encountered a freq counter display lock issue when transmitting a few months back. I noticed the rig had been operating in the shack for a few hours and was rather hot around the top front, or above the display. I surmised that their maybe a overheating condition, so I did a little searching on the internet concerning this issue with the 707. I found a reference to it at:

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73 de Steve, KZ9G

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[Non-text portions of this message have been removed]

6. Re: Thanks for the Offer to Join, etc.

Yahoo group: FT-707
Date: 2003-07-04 00:53:16 UTC
From: Steven Gehring
Topic: 4 Message: 6

Pierre,

Your concerns are noteworthy, since I had the same. I just haven't seen the need (heat generation) for venting over the low-pass filter unit. Obviously, the PA and low-pass filter sections don't generate much heat on receive (unlike the front of the rig (all of the time). I believe there is enough spacing between the RF and LP filter section cage and the top cover to permit adequate hot air flow generated during long transmit periods, or when the rig's fan comes on. I will test for proper air flow by conducting a high duty cycle transmit tests into a dummy load though and report back. Oh, I do feel this rig sure has an adequate PA heat sink for an essentially mobile unit!!! To that end, my fan has never come on. It's only the front of the rig that seems to generate excessive heat for me. So far, I am very happy with this simple mod.

Are others seeing the same thing I am?

Oh, forgot to mention that I am a long time FCC commercially licensed radio technician and engineer in the telecommunications field - for whatever that's worth nowadays... My first twelve years in the radio business were spent working on commercial and military HF/UHF gear ranging from 100 watts to 10KW.

I'll report back. 73 de Steve, KZ9G/7 - Bothell, Washington

--- In FT-707@yahoogroups.com, "Pierre, VE1HE" <ve1he@s...> wrote:
> Hi Steve and welcome to our group!
>
> We are just starting so the more we are the better!!! Your contribution is unvaluable.... Thanks for accepting the invitation.
> You may want to have a look under DATABASE | INVITATION LIST and simply put today's date next to your call sign in the DATE JOINED GROUP FIELD so we all know you are an active member. Once a date is inserted in this field, I will simply delete the record off the list.
>
> I don't have the FV-707DM nor the antenna tuner. Simply the FT-707 and the FP-707.
>
> As far as the mod is concerned, I certainly understand that it might temporarily fix the problem but I'm not quite sure if it's the right thing to do. Mind you, I'm not a Connoiseur or even an electronics technician. Maybe we have more knowledgeable members on the group whose input might be more interesting than mine but here's my 2cents worth...
>

> When I received my rig, I had in mind to do this modification by turning the cover 180 degrees but when I opened the rig, I realised that the back vent on the top casing is exactly aligned with where the RF module is located (the golden faraday cage).
> On transmit, this area becomes hot and thus the heatsink dissipate some of that heat and so does the fan (whenever it kicks in).
> However, by rotating the top cover, the heat from the PA/RF module no longer can come out through the holes of the faraday cage and then right out because the cover is fllush against it...
> Therefore, the heat has to come out somehow and as you mentionned convects through the front part of the rig and then gets out that way.
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>
> Does that make any sense?

> If I was equiped well enough, I would make a new set of holes across the top to paliate to that problem.
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>
> Oh well... tell me what you think about this idea...
>
> As for the CW filter, I have no idea. Maybe someone else might be able to help you there. Could it be like just an adjustment issue maybe?. GL
>
> I know I saw on the web someone who detailed a nice way to make a CW filter using 4 OP-Amps in cascade and they say it works pretty well...
> I'm sure we can come up with something interesting on the group as an alternate solution or for people who don't have the filter installed...
>
> Do you have any problems when turning the main dial at all? Friction like resistance when the rig heats up now that you flipped the cover?

>
> Pierre.
>
> ----- Original Message -----
> From: Steven Gehring
> To: FT-707@yahoogroups.com
> Sent: Thursday, July 03, 2003 3:33 PM
> Subject: [FT-707] Thanks for the Offer to Join, etc.
>
>
> Pierre - VE1HE/K6,
>
> Thanks for the offer to join. I have the 707 setup shown in the
> picture on the main group page - the FT-707 and FV-707DM. Both
work
> quite well today.
>
> Here are a couple of tips and questions I have about the rig as of
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>
> 73 de Steve, KZ9G

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> [Non-text portions of this message have been removed]

7. RE: [FT-707] Thanks for the Offer to Join, etc.

Yahoo group: FT-707
Date: 2003-07-04 04:40:26 UTC
From: Steven Gehring
Topic: 4 Message: 7

Pierre: "Do you have any problems when turning the main dial at all? Friction like resistance when the rig heats up now that you flipped the cover?"

Steve: Nope. No resistance or scraping with the VFO shaft and knob assy. But, I took care of THAT problem when I purchased the rig from a older Californian ham. It required a slight outward adjustment of the VFO using the two setscrews on the knob. No backlash at all either, and the torque required for rotation is adjusted perfectly. The VFO is silky smooth.

Pierre: "As for the CW filter, I have no idea. Maybe someone else might be able to help you there. Could it be like just an adjustment issue maybe?"

Steve: I just looked at the schematic... Yaesu is using diodes to switch between filters and their isn't an adjustment for input or output impedance matching for the CW or SSB filter(s). It's possible that one of the switching diodes is leaky and causing attenuation. Could the attenuation culprit be the filter itself? I'm not sure. I'll have to e-mail George, W2VJN, at International Radio and see if he has any further or definitive ideas on the cause besides my own. I met George and trust his engineering expertise in this area.

More to follow. 73.

Steve, KZ9G

-----Original Message-----
From: Pierre, VE1HE [mailto:ve1he@...]
Sent: Thursday, July 03, 2003 4:10
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Thanks for the Offer to Join, etc.

Hi Steve and welcome to our group!

We are just starting so the more we are the better!!! Your contribution is unvaluable.... Thanks for accepting the invitation.
You may want to have a look under DATABASE | INVITATION LIST and simply put today's date next to your call sign in the DATE JOINED GROUP FIELD so we all know you are an active member. Once a date is inserted in this field, I will simply delete the record off the list.

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Pierre.

----- Original Message -----
From: Steven Gehring
To: FT-707@yahoogroups.com
Sent: Thursday, July 03, 2003 3:33 PM
Subject: [FT-707] Thanks for the Offer to Join, etc.

Pierre - VE1HE/K6,

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73 de Steve, KZ9G

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[Non-text portions of this message have been removed]

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<http://us.adserver.yahoo.com/l?M=251812.3170658.4537139.1261774/D=egroupmail/S=:HM/A=1652963/rand=144564807>

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<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

8. Re: New FT-707

Yahoo group: FT-707
Date: 2003-07-08 02:26:25 UTC
From: dvprao2002
Topic: 1 Message: 8

Hi:
I am so happy to see this group. Probably I can get some help from the members. I got hte link from eham.net product reviews.

I just bought one yesterday and trying to get it going.
This is just to inform that I have joined this group for imrpoving my knowledge.

I am also looking for FP707 (Power Supply) and FC707 (Antenna Coupler) to complte the classic configuration recommended by Yeasu.
Kindly pass on any info about them. shall be grateful.
73
de VE3RAU@...
Brampton ONTARIO Canada

9. FT-707 Help

Yahoo group: FT-707
Date: 2003-07-18 11:54:02 UTC
From: apompeu.geo
Topic: 9 Message: 9

I bought a FT-707 recently and it is with a problem in the exit potency. In 10m it leaves 100W and in 40/80m it only leaves 10W. What is there wrong with him? Could anybody help myself?

Excuse my English...

[]s

Andre Pompeu
Sao Paulo
Brazil

10. Fw: FT-707 Yahoo Group

Yahoo group: FT-707
Date: 2003-07-28 09:31:10 UTC
From: Pierre, VE1HE
Topic: 10 Message: 10

Hi Tim,

You are most welcome!
Yes it's a good rig but it has it's weak points like all others but what's nice with it is that it's fixable (by opposition to the newer ones, I would think).
Yes your problem is probably something very simple like the relay or a capacitor that doesn't discharge fast enough.

Maybe other members might be assist you in narrowing down on your problem.
I know we have one person in particular who really knows his ABC.

Keep in touch

Pierre, VE1HE
(please read Tim's original message below)

> Hi Pete;
>
> I just wanted to send a short note to congratulate you on starting this
> group for 707 owners. I bought mine new in 1982 and up to last year it has
> given me flawless service. Unfortunately I suspect it has a sticking relay
> as it will not switch back to receive mode after letting go of the PTT on
> the mic. (Yes I ruled out the mic as the problem !).
>
> Anyway mine has been bounced around in and out of the car, operated Field
> Days in the past and generally in a lot of portable locations as well as
in
> the hamshack at home. One notable feature I would like to report is
receving
> very good transmit audio reports without asking for them, and this happens
> on a regular basis.
>
> I also have the matching tuner, and power supply. I am intending on
tracking
> down my problem ans repairing it, and am looking forward to still using it
> from time to time for many years to come! It will probably become my
second,
> or back up rig, as I recently purchased a FT-857.
>
> 73, Tim
>
>
> * * * * * * * * * * *
> Tim Pekkonen VE3UO
> ve3uo@...

> Belleville ON FN14hd
> * * * * * * * * * * *
>
> _____
> MSN 8 helps eliminate e-mail viruses. Get 2 months FREE*.
> http://join.msn.com/?page=features/virus
>

11. File - Promoting our group

Yahoo group: FT-707
Date: 2003-08-01 13:28:01 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 11

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

12. Any help is appreciated.

Yahoo group: FT-707
Date: 2003-08-06 02:06:05 UTC
From: dvprao2002
Topic: 12 Message: 12

I just got a second hand rig from one of hte senior HAMs.
The output onthe RX mode is so unclear.
What coul dbe the reason for this?
I am using Cushcraft ATV-5 Vertical Antenna. MAdn MFJ971 MAnual Tuner.
I am ablke to receive some sound but on all the bands, the reception
is os muffled. i can barely make out what I hear.
Can anybody help ? I am new to this HF RX/TX. so any help or hint is
appreciated.

Also, the Dial is so hard to rotate. Is there something I could do to
make it smoother ?

Thanks and 73
VE3RAU@...

13. Re: [FT-707] Any help is appreciated.

Yahoo group: FT-707
Date: 2003-08-06 06:49:15 UTC
From: john.hague@philips.com
Topic: 12 Message: 13

Hi there

Not sure about the muffled audio, as I've only had my rig for a short while now. However, my VFO dial was also very hard to rotate. I cured this by loosening the screws that hold it to the shaft and then moving the knob out a fraction away from the case. This cured the problem for me.

73

John, G4GOY

"dvprao2002" <dvprao@...>
06/08/2003 03:06
Please respond to FT-707

To: FT-707@yahoogroups.com
cc: (bcc: John Hague/SOU/SC/PHILIPS)
Subject: [FT-707] Any help is appreciated.
Classification:

I just got a second hand rig from one of hte senior HAMs.
The output onthe RX mode is so unclear.
What coul dbe the reason for this?
I am using Cushcraft ATV-5 Vertical Antenna. MAdn MFJ971 MAnual Tuner.
I am ablke to receive some sound but on all the bands, the reception is os muffled. i can barely make out what I hear.
Can anybody help ? I am new to this HF RX/TX. so any help or hint is appreciated.

Also, the Dial is so hard to rotate. Is there something I could do to make it smoother ?

Thanks and 73
VE3RAU@...

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[Non-text portions of this message have been removed]

14. Re: [FT-707] Any help is appreciated.

Yahoo group: FT-707
Date: 2003-08-06 06:59:48 UTC
From: Pierre, VE1HE
Topic: 12 Message: 14

The only thing I could see off hand for your distorted audio would be to make sure that your WIDTH control (the outer part of the tuning knob) is set right in the middle.

When you rotate it, as you reach the middle you will feel it. It kind of clicks into place. Don't necessarily rely on the paint mark as the control might not be adjusted right...

Also, have you tried using an external speaker?

Is it distorted at all audio levels?

----- Original Message -----
From: dvprao2002
To: FT-707@yahoogroups.com
Sent: Tuesday, August 05, 2003 7:06 PM
Subject: [FT-707] Any help is appreciated.

I just got a second hand rig from one of hte senior HAMs.
The output onthe RX mode is so unclear.
What coul dbe the reason for this?
I am using Cushcraft ATV-5 Vertical Antenna. MAdn MFJ971 MAnual Tuner.
I am ablke to receive some sound but on all the bands, the reception
is os muffled. i can barely make out what I hear.
Can anybody help ? I am new to this HF RX/TX. so any help or hint is
appreciated.

Also, the Dial is so hard to rotate. Is there something I could do to
make it smoother ?

Thanks and 73
VE3RAU@...

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[Non-text portions of this message have been removed]

15. Dials dragging

Yahoo group: FT-707
Date: 2003-08-06 18:19:54 UTC
From: Pierre, VE1HE
Topic: 15 Message: 15

Whatever you do guys, if your dials aren't smooth...
Please don't try to put some oil on the shafts.
I've put some 3 in 1 oil and it's getting worse now...

Maybe the oil thickens..
Really not a good idea. UNTESTED.

If anyone has an idea, please let us know.

[Non-text portions of this message have been removed]

16. Intro & Need help on mod

Yahoo group: FT-707
Date: 2003-08-17 08:43:54 UTC
From: DanieOosthuizen
Topic: 16 Message: 16

Hi Folks
I am new to the list and also need help on a modification I want to make on my FT-707 radio.
I am retiring next year and am relocating up country and would like to communicate with truckers passing by on the highway on the CB frequency. I have a crystal 41.4875 Khz to fit in the FT-707. I dearly need to know if any kind ham can assist me with the details to fit the cystal and set it up.
I have a FT-102 as my main rig and can spare one channel on the FT-707.
Thank you very much in advance.
Enjoy your day!
Danie Oosthuizen - ZS1AEC
Cape Town - South Africa

17. RE: [FT-707] Intro & Need help on mod

Yahoo group: FT-707
Date: 2003-08-17 21:48:16 UTC
From: Steven Gehring
Topic: 16 Message: 17

Danie,

This crystal would replace the 10m "A" band one in the premix circuit of the AF Unit, and would resolve a frequency range of 27.000 to 27.500 MHz. But, there are a few problems with this...several circuits would need to be realigned. They are:

1. The premix bandpass filter alignment
2. Antenna coil/RF Bandpass Filter Alignment
3. RF Bandpass Filter Alignment
4. Possibly others...

Please note that if the these bandpass alignments are not made, the rig will suffer (possibly severely). 27 MHz is far enough outside the 10M passband of the RF Bandpass assy that many decibels of attenuation will be presented, requiring realignment. In fact, RF power output would suffer and possible damage to the rig would incur.

If you make this mod, it would have to be done by a knowledgeable RF technician with adequate test equipment. The test equipment needed is:

1. Spectrum Analyzer w/ the sweep generator option
2. RF Milli-voltmeter or VTVM

I wouldn't attempt this mod without the proper test equipment or knowledge. Your best bet would be to get a CB type rig that's designed for that band. Ranger Communications, Inc. offers several models for that service. See them at www.rangerusa.com

73.

Steven J. Gehring, KZ9G
19713 26th Drive SE
Bothell, WA 98012-7252
E-mail: kz9g@...

-----Original Message-----
From: DanieOosthuizen [mailto:zs1aec@...]
Sent: Sunday, August 17, 2003 1:44 AM
To: FT-707@yahoogroups.com
Subject: [FT-707] Intro & Need help on mod

Hi Folks
I am new to the list and also need help on a modification I want to make on my FT-707 radio. I am retiring next year and am relocating up country and would like to communicate with truckers passing by on the highway on the CB frequency. I have a crystal 41.4875 Khz to fit in the FT-707. I dearly

need to know if any kind ham can assist me with the details to fit the cystal and set it up. I have a FT-102 as my main rig and can spare one channel on the FT-707. Thank you very much in advance. Enjoy your day! Danie Oosthuizen - ZS1AEC Cape Town - South Africa

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----------~->

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18. sticky relay

Yahoo group: FT-707
Date: 2003-08-24 00:12:25 UTC
From: Patrick
Topic: 18 Message: 18

Hi All,
I've had the ft 707 with matching power supply and tuner for about a year now, great rig. I do have a problem though. after I transmit and let go of the PTT, the receive doesn't kick back in, anyone had that problem and what did you do?

19. Re: [FT-707] sticky relay

Yahoo group: FT-707
Date: 2003-08-24 12:13:45 UTC
From: Tim VE3UO
Topic: 19 Message: 19

Mine is doing the same thing. Apparently it's a common problem with these rigs, as well as the FT-107. I haven't looked at mine yet, but it's on my 'to do' list this autumn. I'll certainly post my results to the group.

73, Tim

* * * * * * * * * * *
Tim Pekkonen VE3UO
ve3uo@...
Belleville ON FN14hd
* * * * * * * * * * *

----Original Message Follows----
From: "Patrick" <va3cmd@...>
Reply-To: FT-707@yahoogroups.com
To: FT-707@yahoogroups.com
Subject: [FT-707] sticky relay
Date: Sun, 24 Aug 2003 00:12:25 -0000

Hi All,
I've had the ft 707 with matching power supply and tuner for about a year now, great rig. I do have a problem though. after I transmit and let go of the PTT, the receive doesn't kick back in, anyone had that problem and what did you do?

_____
Add photos to your messages with MSN 8. Get 2 months FREE*.
http://join.msn.com/?page=features/featuredemail

20. Sticky relay, etc...

Yahoo group: FT-707
Date: 2003-08-24 14:59:32 UTC
From: Pierre, VE1HE
Topic: 20 Message: 20

Hi guys,

I'm also in the FT-227 group and one of the guys substituted his original relay for a transistorized version.
Another friend of mine has substituted his on a commercial UHF radio for his COR (Carrier Operated Relay) using a 10watt output transistor and says it works great (I don't know why he needed that much power anyway haha)..

In any situation, I'd like to let you guys know that if you want to work on that or some other projects, I have the shop manual here for the 707 however, since I don't have that much time to scan the thing up, if you need something specific, please let me know and I will start by scanning the related pages only (at first).

GL,

Pierre, VE1HE

[Non-text portions of this message have been removed]

21. [FT-707] Intro & Need help on mod

Yahoo group: FT-707
Date: 2003-08-17 09:09:02 UTC
From: DanieOosthuizen
Topic: 16 Message: 21

Hi Folks
I am new to the list and also need help on a modification I want to make on my FT-707 radio. I am retiring next year and am relocating up country and would like to
communicate with truckers passing by on the highway on the CB frequency. I have a crystal 41.4875 Khz to fit in the FT-707. I dearly need to know if any kind ham can assist me with the details to fit the cystal and set it up.
I have a FT-102 as my main rig and can spare one channel on the FT-707.
Thank you very much in advance.
Enjoy your day!
Danie Oosthuizen - ZS1AEC
Cape Town - South Africa

22. File - Promoting our group

Yahoo group: FT-707
Date: 2003-09-01 11:10:39 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 22

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

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- Google searches under FT-707
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- etc...

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* * *

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

23. Hello all.

Yahoo group: FT-707
Date: 2003-09-07 07:32:18 UTC
From: pe1rea
Topic: 23 Message: 23

Hello,

I'm new on this group.
I have a FT 707 S the 10 watt version.
It works great, only the 30 meter band cannot send.
Its a little problem I think, something to do in the future.
I have only the rig, no other things as the vfo or powersupply or tuner.
I use a vci tuner with a g5rv.

73 Jim PE1REA

Comment from the moderator: Welcome to the group Jim!
I'm sorry your message didn't go out before but I just realized it was waiting for approval. For some reason I wasn't notified.
It's the first time I ever heard about this 'S' version. Must have been made on a limited version.
Does it look anything like the FT-707 ?

Nice having you with us Jim.

Pierre, VE1HE.

24. Re: {Spam?} [FT-707] Hello all.

Yahoo group: FT-707
Date: 2003-09-13 05:53:19 UTC
From: jim
Topic: 23 Message: 24

>
>
>
>Comment from the moderator: Welcome to the group Jim!
>I'm sorry your message didn't go out before but I just realized it was waiting for approval. For some reason I wasn't notified.
>
No hard feelings Om, it's just our hobby.

>It's the first time I ever heard about this 'S' version. Must have been made on a limited version.
>Does it look anything like the FT-707 ?
>

It's the same front as the big one, and the interior is also the same
exept the pa.
It's has a different back without the fan and the power transistor.

>
>Nice having you with us Jim.
>

Thank you.

>
>Pierre, VE1HE.
>
>
>
Jim, PE1REA

25. File - Promoting our group

Yahoo group: FT-707
Date: 2003-10-01 09:51:05 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 25

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

26. A New "Face" To The Group

Yahoo group: FT-707
Date: 2003-09-28 15:12:27 UTC
From: The Other Dark Meat
Topic: 26 Message: 26

Greetings all,

Name is Scott, calls KB0LUB and a recent owner of a "new" ::grin:: Yaesu FT-707. I almost feel high tech now ::grin:: since I've owned a Heathkit HW-101 that my uncle (WB0LYN) built when he was a youngun, in the 60's or 70's, to listen to transmissions on. I finally sat down and got my General License back in 1995 and been using it ever since.

With the fear as time goes by with the HW-101 using vacuum tubes, I thought it was about time to start looking for something I could use for both base and mobile DX'ing.

My uncle suggested the FT-707 for what I was looking for now in a rig that wouldn't break the bank, and durable enough for mobile operation in an 18 wheeler.

Good to see a group like this to read about experiences with, mods, and trouble shoot. The more I read on reviews, problems faced/solved, the more impressed I am with the 707 as a good choice suggested.

Scott~
KB0LUB~

27. Re: [FT-707] A New "Face" To The Group

Yahoo group: FT-707
Date: 2003-10-05 15:46:09 UTC
From: Bradley D. Thornton
Topic: 26 Message: 27

Glad to have you with us. I've had my 707 since the spring of 1987. One thing I never changed was that one of the 4 selections of 10 meters actually covers 11 meters on my radio. I sometimes tune there to listen to local truck traffic. Living next to Interstate 5 there is a lot happening there as well.

Having all the WARC bands was a new concept too, and even many newer rigs didn't incorporate the coverage that the FT-707 had back when it was a 'new' rig in the shop windows :)

There are other items that go with the radio as well, such as the FV, and FC-707 - just to mention a couple. They are available out there as well if you keep your eyes open, for a reasonable price too if you aren't too anxious to add them to your station ;)

73 de KD6NCG Bradley

>From: "The Other Dark Meat" <phantaz@...>
>Reply-To: FT-707@yahoogroups.com
>To: FT-707@yahoogroups.com
>Subject: [FT-707] A New "Face" To The Group
>Date: Sun, 28 Sep 2003 15:12:27 -0000
>
>Greetings all,
>
>Name is Scott, calls KB0LUB and a recent owner of a "new" ::grin::
>Yaesu FT-707. I almost feel high tech now ::grin:: since I've owned a
>Heathkit HW-101 that my uncle (WB0LYN) built when he was a youngun,
>in the 60's or 70's, to listen to transmissions on. I finally sat
>down and got my General License back in 1995 and been using it ever
>since.
>
>With the fear as time goes by with the HW-101 using vacuum tubes, I
>thought it was about time to start looking for something I could use
>for both base and mobile DX'ing.
>
>My uncle suggested the FT-707 for what I was looking for now in a rig
>that wouldn't break the bank, and durable enough for mobile operation
>in an 18 wheeler.
>
>Good to see a group like this to read about experiences with, mods,
>and trouble shoot. The more I read on reviews, problems faced/solved,
>the more impressed I am with the 707 as a good choice suggested.
>
>Scott~
>KB0LUB~

>
>
>
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>
>

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28. NEW TO GROUP ..Question...

Yahoo group: FT-707
Date: 2003-10-13 01:18:06 UTC
From: Rich W
Topic: 28 Message: 28

I have an offer to buy a FT-707 matching Power supply and matching antenna tuner for $400.00 form the past Pres. of my radio club. I would like to hear what you think of this deal.I am new to HF...
Thanks... Rich.. WA2GTW

29. Re: {Spam?} [FT-707] NEW TO GROUP ..Question...

Yahoo group: FT-707
Date: 2003-10-13 08:48:41 UTC
From: jim
Topic: 28 Message: 29

Rich W wrote:
> I have an offer to buy a FT-707 matching Power supply and matching
> antenna tuner for $400.00 form the past Pres. of my radio club. I
> would like to hear what you think of this deal.I am new to HF...
> Thanks... Rich.. WA2GTW
>
>

I think it's not cheap, for me is 150 a 200 dollar more realistic.

73 Jim

--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-
begin ...- .. .-. ..- ... .exe

30. RE: [FT-707] NEW TO GROUP ..Question...

Yahoo group: FT-707
Date: 2003-10-13 02:36:28 UTC
From: Eric - VE3GSI
Topic: 28 Message: 30

Hi Rich,
I paid $300 (Canadian) for mine in 2001, which included power supply and desk microphone. The radio case has some missing paint on the top and band switches were a bit lazy from lack of use, but generally the radio in good working condition.

Considering you're getting a tuner and if there is a CW filter included, I think the price might be fair.

If you decide you don't want the tuner, I would like to have first refusal.<grin> Or if you want to trade a matching Yaesu desk mike for the CW filter I would consider that too.

Good luck, let us know how you do on the deal.
73 Eric - VE3GSI

Oh yeh! Welcome to HF.

-> -----Original Message-----
-> From: Rich W
-> Subject: [FT-707] NEW TO GROUP ..Question...
->
->
-> I have an offer to buy a FT-707 matching Power supply and matching
-> antenna tuner for $400.00 form the past Pres. of my radio club. I
-> would like to hear what you think of this deal.I am new to HF...
-> Thanks... Rich.. WA2GTW

31. RE: [FT-707] NEW TO GROUP ..Question...

Yahoo group: FT-707
Date: 2003-10-13 11:33:26 UTC
From: Rich
Topic: 28 Message: 31

Hi Eric,
Thanks for the feed back, I will keep you posted on what happens... 73 Rich

Eric - VE3GSI <ve3gsi@...> wrote:
Hi Rich,
I paid $300 (Canadian) for mine in 2001, which included power supply and desk microphone. The radio case has some missing paint on the top and band switches were a bit lazy from lack of use, but generally the radio in good working condition.

Considering you're getting a tuner and if there is a CW filter included, I think the price might be fair.

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Good luck, let us know how you do on the deal.
73 Eric - VE3GSI

Oh yeh! Welcome to HF.

-> -----Original Message-----
-> From: Rich W
-> Subject: [FT-707] NEW TO GROUP ..Question...
->
->
-> I have an offer to buy a FT-707 matching Power supply and matching
-> antenna tuner for $400.00 form the past Pres. of my radio club. I
-> would like to hear what you think of this deal.I am new to HF...
-> Thanks... Rich.. WA2GTW

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[Non-text portions of this message have been removed]

32. Re: [FT-707] NEW TO GROUP ..Question...

Yahoo group: FT-707
Date: 2003-10-13 18:03:34 UTC
From: Neil Gunnell
Topic: 28 Message: 32

Hi Richard,

I just bought the same items from our club chairman
for ?300 all in excellent condition with boxes and
manuals, and it is a really good set up, i've got mine
running through a G5RV, the only problem I have is
quite "soft" audio from the supplied mic. Probably
need an amplified one.
Hope this helps your decision.

Neil
M1NMG

--- Rich W <mistrmom@...> wrote:

I have an offer to buy a FT-707 matching Power supply
and matching
antenna tuner for $400.00 form the past Pres. of my
radio club. I
would like to hear what you think of this deal.I am
new to HF...
Thanks... Rich.. WA2GTW

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Messenger http://mail.messenger.yahoo.co.uk

33. New Member

Yahoo group: FT-707
Date: 2003-10-11 12:55:37 UTC
From: Rich W
Topic: 33 Message: 33

I am planning to buy a FT 707 , matching power supply and matching antenna tuner for $400.00 If all equipment is in good condition is this a fair price? What is your opinion of this set up?. I have recently upgraded to General class. Thanks for your help!! 73 Rich WA2GTW

34. NEW TO GROUP ..Question...

Yahoo group: FT-707
Date: 2003-10-13 01:22:10 UTC
From: Rich W
Topic: 28 Message: 34

I have an offer to buy a FT-707 matching Power supply and matching antenna tuner for $400.00 form the past Pres. of my radio club. I would like to hear what you think of this deal.I am new to HF...
Thanks... Rich.. WA2GTW

35. Spam

Yahoo group: FT-707
Date: 2003-10-17 15:01:39 UTC
From: Pete
Topic: 35 Message: 35

Hi guys,

Today I found out that two group members have been posting links to other websites of a commercial nature totally unrelated to ham radio. This is not the purpose of this group nor will we support this kind of activity.We totally appologize for these!

The group is in need of someone to look after the links and files in order to keep things running smoothly.

Also, we would need other people who would like to get involved a little bit more with this group by acting as either moderators or whatever you think might be fun to do...

If you are interested, please email me directly.

Thanks in advance,

Pierre, VE1HE.

36. Re: FT 707

Yahoo group: FT-707
Date: 2003-10-20 18:46:06 UTC
From: VE1HE, Pierre
Topic: 36 Message: 36

Hi Rich,

Congratulations on getting your brand-new FT-707!!!
I`ve had mine for close to 6 months now and all I can do is listen because I live in an appartment and I can't put a decent antenna out (and I don't feel like cooking my wife and my 1 year old with RF either haha).
What is the Husler? A Yagi?
Do you have the tower and all?

Good show Rich.
Hope to hear you on the air!

Let us know when you make your maiden voyage, we'll try to get other FT-707 members to greet you on the air. We should even go as far as having our own regular Yaesu-Musen net on the air eventually. That would be kind of nice.

Take care buddy,

Pierre, VE1HE/K6

----- Original Message -----
From: Rich
To: Pete
Sent: Saturday, October 18, 2003 1:22 PM
Subject: FT 707

Hi Pete,

This afternoon I bought the FT-707 outfit. So now all I need is an antenna. The ham that showed me the radio said he would sell me his triband Hustler. So that is my next step closer to HF. I will keep you posted... 73 Rich...

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search

[Non-text portions of this message have been removed]

37. manual 707 S

Yahoo group: FT-707
Date: 2003-10-23 19:30:54 UTC
From: jim
Topic: 37 Message: 37

Hello,

I have a 707S and the manual from a 707.
Question, is there anybody who can send me a pdf from the pa of a 707S.
Because that is the only part of the radio that is different.
I want to pick up a point out of the pa wat gives 25 mWatt to feed my
125 Watt pa.

Everybody thanks for reading.

73 Jim PE1REA
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

38. tr2000

Yahoo group: FT-707
Date: 2003-10-31 01:19:53 UTC
From: hp1hew
Topic: 38 Message: 38

Can anybody tell me the pin configuration for a TR 2000 headphone for the 6 pin connector in my ft707..

39. Hello To All From W2TMA

Yahoo group: FT-707
Date: 2003-11-05 00:15:20 UTC
From: w2tma
Topic: 39 Message: 39

Well, It's nice to see a group of hams with good taste Hi Hi

I bought my 707 in 1996, and I bought it NIB! It's a funny story, I had recently passed my Tech. Plus test and my OM w2pbn told me about an HF rig that was on consignment down at the nearby yacht sevices place. seems some yachtsman had bought the FT-707 and FV-707 by mistake back in '81 or whenever thinking they were marine HF or some such thing. well the guy stuck it in the closet without even opening it and forgot it. He subsequently died, and his family found it when cleaning out the house. Well I went in there not knowing anything about anything and I'll admit the rig looked a little intimidating but price being the biggest consideration I figured i'd give it a whirl. offered 325$(I think the family wanted 400$) and pleaded poverty, new ham, I'll give it a good home, ect, ect.....anyway to make a long story longer walked out a few days later with the 707 and have enjoyed it since!

Been back to Yaesu Once for a new fan and they replaced the T/R Relays which we all know doesnt really help.....They still stuck but not that bad until recently, now they are getting real bad again....Guess I'll have to go inside soon.

Anyone have any tips on getting the to work better, aside from cleaning them?

Good to be here and hope to hear from many of you in the future!

73 de W2TMA Rich

40. Re: tr2000

Yahoo group: FT-707
Date: 2003-11-05 06:14:32 UTC
From: Pete
Topic: 38 Message: 40

Do you need the pin out of the FT-707's microphone jack?

I don't have the schematic for the TR 2000 headphone though.

--- In FT-707@yahoogroups.com, "hp1hew" <ham@h...> wrote:
> Can anybody tell me the pin configuration for a TR 2000 headphone
for
> the 6 pin connector in my ft707..

41. Re: tr2000

Yahoo group: FT-707
Date: 2003-11-05 07:11:14 UTC
From: The Other Dark Meat
Topic: 38 Message: 41

Not sure if this will be of any help or not... this came from the company website. Might try contacting them to see if they offer the wiring diagrams without having to buy another headset.

http://www.warrengregoire.com/amateurradio-headsets.htm

1-800-634-0094.

42. Re: [FT-707] Re: tr2000

Yahoo group: FT-707
Date: 2003-11-05 10:57:28 UTC
From: ham@hp1hew.com
Topic: 38 Message: 42

what I really need is the schem for the tr2000
Licdo.
Jimmy Woolford Correa
http//www.hp1hew.com
ham@...
Cel 613-7635

----- Original Message -----
From: Pete
To: FT-707@yahoogroups.com
Sent: Wednesday, November 05, 2003 1:14 AM
Subject: [FT-707] Re: tr2000

Do you need the pin out of the FT-707's microphone jack?

I don't have the schematic for the TR 2000 headphone though.

--- In FT-707@yahoogroups.com, "hp1hew" <ham@h...> wrote:
> Can anybody tell me the pin configuration for a TR 2000 headphone
for
> the 6 pin connector in my ft707..

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Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.536 / Virus Database: 331 - Release Date: 11/03/03

[Non-text portions of this message have been removed]

43. Re: [FT-707] Hello To All From W2TMA

Yahoo group: FT-707
Date: 2003-11-05 06:52:38 UTC
From: Scott Carrick
Topic: 39 Message: 43

Outstanding find and buy there... only had my 707 for a couple of months now...
but I must say I was a bit concerned, due to its size, at first as to if it really could
stand up as a work horse and rugid as vacuum tubed radio do.

Needless to say... I've been very impressed... it may not be a state-of-the-art
transceiver by todays current designs, but it certainly seems to have the
right stuff to hold ground with the new gear on the market these days,
and at roughly 1/5th-1/6th the price of a new HF rig to boot!

Scott~
KB0LUB

44. Re: [FT-707] Hello To All From W2TMA

Yahoo group: FT-707
Date: 2003-11-05 20:12:29 UTC
From: jim
Topic: 39 Message: 44

w2tma wrote:
> Well, It's nice to see a group of hams with good taste Hi Hi
>
Thank you.

Cut to long story

>
> Good to be here and hope to hear from many of you in the future!
>
> 73 de W2TMA Rich
>
>
Be welcome, I have a 707S, that is the 10 Watt rig.
Normaly I use it on 80 meter on 3650 because there is a dutch round on
the saterday and wednesday in the evening.
If you want to try, we can make some day a sced on 80 or 20 meters.

73 Jim

> Yaesu-Musen Radios: Quality all around!

--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

45. ALC question

Yahoo group: FT-707
Date: 2003-11-14 19:48:01 UTC
From: Clark Jillson
Topic: 45 Message: 45

Hi Folks:

I just purchased a Yaesu FT-707 HF rig, and I'm trying to get familiarized with each function of the rig.

What exactly does the ALC do? I'm assuming it's some sort of limiter, but is it used only when 'tuning up' a rig? Or is it common practice to use it at all times? Does the ALC limit my power output in any way?

Thanks for your help. I can't wait to start using this rig.

73's

Clark
KB9SJD

46. Yaesu FTV-107 transverter unit

Yahoo group: FT-707
Date: 2003-11-15 21:30:30 UTC
From: Terry.Baldwin
Topic: 46 Message: 46

Hi, does anybody know if the Yaesu FTV-107 transverter unit which was designed to be used with the FT-107 HF rig can be used with the FT-707??.

Regards Terry

G4UEM

[Non-text portions of this message have been removed]

47. Re: Yaesu FTV-107 transverter unit

Yahoo group: FT-707
Date: 2003-11-16 01:49:59 UTC
From: wneel03
Topic: 46 Message: 47

--- In FT-707@yahoogroups.com, "Terry.Baldwin" <terry.baldwin@n...>
wrote:
>
>
> Hi, does anybody know if the Yaesu FTV-107 transverter unit which
was designed to be used with the FT-107 HF rig can be used with the
FT-707??.
>
> Regards Terry
>
> G4UEM
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
Terry,
According to the FT-707 Service Manual, page 1-13, the FTV-107R (note
the 'R') can be used with the FT-707.

Bill, AD4OH

48. Re: ALC question

Yahoo group: FT-707
Date: 2003-11-16 01:58:33 UTC
From: wneel03
Topic: 45 Message: 48

--- In FT-707@yahoogroups.com, "Clark Jillson" <chvjillson@a...>
wrote:
> Hi Folks:
>
> I just purchased a Yaesu FT-707 HF rig, and I'm trying to get
> familiarized with each function of the rig.
>
> What exactly does the ALC do? I'm assuming it's some sort of
> limiter, but is it used only when 'tuning up' a rig? Or is it
common
> practice to use it at all times? Does the ALC limit my power
output
> in any way?
>
> Thanks for your help. I can't wait to start using this rig.
>
> 73's
>
> Clark
> KB9SJD
Hi Clark,
You are correct in that ALC is a 'sort of limiter'. It stands for
Automatic Level Control. It's purpose is to help prevent overloading
of the finals on SSB. As the voice peaks increase, the drive level
decreases, and as the voice peaks decrease, the drive increases, so
the overall effect is to keep the output fairly constant. The effect
is synonymous to Automatic Gain Control (AGC) in a receiver. Hope
this helps,

Bill, AD4OH

49. Re: Yaesu FTV-107 transverter unit

Yahoo group: FT-707
Date: 2003-11-16 16:51:43 UTC
From: Clark Jillson
Topic: 46 Message: 49

--- In FT-707@yahoogroups.com, "wneel03" <hydrick1@e...> wrote:
> --- In FT-707@yahoogroups.com, "Terry.Baldwin" <terry.baldwin@n...>
> wrote:
> >
> >
> > Hi, does anybody know if the Yaesu FTV-107 transverter unit which
> was designed to be used with the FT-107 HF rig can be used with the
> FT-707??.
> >
> > Regards Terry
> >
> > G4UEM
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> Terry,
> According to the FT-707 Service Manual, page 1-13, the FTV-107R
(note
> the 'R') can be used with the FT-707.
>
> Bill, AD4OH

I assume the FTV-707 transverter was made to match the FT-707, (and
the FTV-107R was made to match the FT-107)... correct?

Thanks

Clark
KB9SJD

50. Re: ALC question

Yahoo group: FT-707
Date: 2003-11-18 08:40:09 UTC
From: VE1HE
Topic: 45 Message: 50

Hi there Clark,

This is a good question and I'm not sure I have the full answer for you but here's what I know.
ALC stands for Automatic Level Control.

When used in the receive circuit at the RF portion, it will act as type of an automatic RF gain, thus increasing it's value if an incoming signal is too strong and decreasing if signals are weaker.

In the audio portion of the receiver, it will act as an audio stabilizer keeping the audio at a comfortable level. Let's say -6dB on the VU meter.
That means that a receiver equiped with ALC on the RF and audio circuits will try to keep the audio and signal on an even keel despite the QSB (fading signals).

However, to answer your specific question on the FT-707, I don't think the ALC button has any impact on the receive side of the transceiver.
It would then mean that the ALC would be used on the transmit portion of the circuit. But in which capacity, I don't know...

Maybe someone might be able to help you better. If nobody does, I'll have a look at the owner's manual whenever I have a chance and I'll let you know of my findings.

My best guest is that it's probably used in the phone portion of the circuit to limit splatter in SSB, thus smoothing out the peaks of modulation but it's just a guess...

Maybe someone else in the group knows?

Pete, VE1HE/W6.

--- In FT-707@yahoogroups.com, "wneel03" <hydrick1@e...> wrote:
> --- In FT-707@yahoogroups.com, "Clark Jillson" <chvjillson@a...>
> wrote:
> > Hi Folks:
> >
> > I just purchased a Yaesu FT-707 HF rig, and I'm trying to get
> > familiarized with each function of the rig.
> >
> > What exactly does the ALC do? I'm assuming it's some sort of
> > limiter, but is it used only when 'tuning up' a rig? Or is it
> common
> > practice to use it at all times? Does the ALC limit my power

> output
> > in any way?
> >
> > Thanks for your help. I can't wait to start using this rig.
> >
> > 73's
> >
> > Clark
> > KB9SJD
> Hi Clark,
> You are correct in that ALC is a 'sort of limiter'. It stands for
> Automatic Level Control. It's purpose is to help prevent
overloading
> of the finals on SSB. As the voice peaks increase, the drive level
> decreases, and as the voice peaks decrease, the drive increases, so
> the overall effect is to keep the output fairly constant. The
effect
> is synonymous to Automatic Gain Control (AGC) in a receiver. Hope
> this helps,
>
> Bill, AD4OH

51. ALC question

Yahoo group: FT-707
Date: 2003-11-19 21:57:22 UTC
From: VE1HE, Pierre
Topic: 45 Message: 51

Did that make any sense what I told him or was I totally off?

P.

[Non-text portions of this message have been removed]

52. Re: [FT-707] ALC question

Yahoo group: FT-707
Date: 2003-11-20 05:29:34 UTC
From: jim
Topic: 45 Message: 52

VE1HE, Pierre wrote:
> Did that make any sense what I told him or was I totally off?
>
> P.
>

Yesterday I had a lot of qsb on 80.
So I was playing with the knobs.
I cant make any difference between on or off.

73 Jim

--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-
begin ...- .. .-. ..- ... .exe

53. A question about FT707

Yahoo group: FT-707
Date: 2003-11-24 01:20:58 UTC
From: Fernando Casanova
Topic: 53 Message: 53

hi to all from Spain,
I bought a 707 but it has a peculiar jack/connection
for the power supply (negative ground)
I?m sending a pic of the connection jack..
can anyone help by telling me where to hook the
positive and where the negative ?

Another question... Does this rig transmit with 240
wats as I read somewhere?
thanks to all for any help and hope to be able to test
this superb sencond rig...if I can connect the poer
supply :-)

good Dx

fernando
www.ea1uro.com

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
http://companion.yahoo.com/

[Non-text portions of this message have been removed]

54. Re: [FT-707] A question about FT707

Yahoo group: FT-707
Date: 2003-11-24 05:18:16 UTC
From: jim
Topic: 53 Message: 54

Fernando Casanova wrote:
> hi to all from Spain,
> I bought a 707 but it has a peculiar jack/connection
> for the power supply (negative ground)
> I?m sending a pic of the connection jack..
> can anyone help by telling me where to hook the
> positive and where the negative ?
>
> Another question... Does this rig transmit with 240
> wats as I read somewhere?
> thanks to all for any help and hope to be able to test
> this superb sencond rig...if I can connect the poer
> supply :-)
>
> good Dx
>
> fernando
> www.ea1uro.com

First, the rig gives +/- 100 watt.
The 240 watt can be the input.
12 volts 20 amp, hmmm, sounds familiar.
for the connection jack I will look this afternoon on the back.

73 Jim
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

55. FT-707 - where to sell my setup?

Yahoo group: FT-707
Date: 2003-11-24 09:58:27 UTC
From: dombaines
Topic: 55 Message: 55

I'm trying to figure out the best place to sell my complete FT-707 setup. FT707, FP707, FC707, FTV707 with 2m module fitted, FV707DM

Most commercial new rig dealers are not interested and the 2nd hand options they provide are not just not appealing and offer less than the cost of a mic or some accessory which feel insulting but is explainable as they are not really interested in 2nd user kit.

It's all in decent, used condition and has seem plenty of use. All WARC enabled but no narrow CW filter. Non-smokers have owned it both me and previous owner.

Why am I selling... easy. XYL has ok'd shack can be in the house now (I homebrew too so this is a biggy for her) but something has to go... so the FT-707 setup is available.

Please could anyone advise where I could sell my setup for a realistic price?

72/3

Dom
M1KTA

56. New member

Yahoo group: FT-707
Date: 2003-11-25 08:00:53 UTC
From: vk6umg
Topic: 56 Message: 56

Greetings from a new group member. My name is Mark and my callsign is VK6UMG. The morse requirement is going to be droped here in Australia on the 1 Jan 2004, so Ive just bought a Yaesu FT707, tuner, ext VFO and power supply/ext speaker in prepartion for this (currently a Limited licence, 29MHZ and above). Im not sure that I will get into HF in a big way, so I went for an older radio and bought this set up for a cheap price. Ive read through all the messages etc, and I wonder if there are any major things to look out for with this radio and accessories,

Cheers,

Mark
Perth
Western Australia

57. Re: [FT-707] Digest Number 35

Yahoo group: FT-707
Date: 2003-11-25 18:36:13 UTC
From: DVP Rao
Topic: 57 Message: 57

Greetings from Canada:
What are you expecting for the setup.
I already own an FT707 but I can use the Speaker/power supply, Antenna Tuner
etc.
I will be paying more that a mic's price :)
73
DVP
----- Original Message -----
From: <FT-707@yahoogroups.com>
To: <FT-707@yahoogroups.com>
Sent: November 25, 2003 12:53 PM
Subject: [FT-707] Digest Number 35

>
> Yaesu-Musen Radios: Quality all around!
>
>
> ---
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. FT-707 - where to sell my setup?
> From: "dombaines" <dombaines@...>
>
>
> _____
> _____
>
> Message: 1
> Date: Mon, 24 Nov 2003 09:58:27 -0000
> From: "dombaines" <dombaines@...>
> Subject: FT-707 - where to sell my setup?
>
> I'm trying to figure out the best place to sell my complete FT-707
> setup. FT707, FP707, FC707, FTV707 with 2m module fitted, FV707DM
>
> Most commercial new rig dealers are not interested and the 2nd hand
> options they provide are not just not appealing and offer less than
> the cost of a mic or some accessory which feel insulting but is
> explainable as they are not really interested in 2nd user kit.
>
> It's all in decent, used condition and has seem plenty of use. All
> WARC enabled but no narrow CW filter. Non-smokers have owned it both

> me and previous owner.
>
> Why am I selling... easy. XYL has ok'd shack can be in the house now
> (I homebrew too so this is a biggy for her) but something has to
> go... so the FT-707 setup is available.
>
> Please could anyone advise where I could sell my setup for a
> realistic price?
>
> 72/3
>
> Dom
> M1KTA
>
>
>
>
> --
> --
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

58. Re: [FT-707] Digest Number 36

Yahoo group: FT-707
Date: 2003-11-26 16:33:55 UTC
From: DVP Rao
Topic: 58 Message: 58

how much did you play for it ?

----- Original Message -----
From: <FT-707@yahoogroups.com>
To: <FT-707@yahoogroups.com>
Sent: November 26, 2003 9:27 AM
Subject: [FT-707] Digest Number 36

>
> Yaesu-Musen Radios: Quality all around!
>
>
> ---
>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. New member
> From: "vk6umg" <vk6umg@...>
> 2. Re: Digest Number 35
> From: "DVP Rao" <dvprao@...>
>
>
> _____
> _____
>
> Message: 1
> Date: Tue, 25 Nov 2003 08:00:53 -0000
> From: "vk6umg" <vk6umg@...>
> Subject: New member
>
> Greetings from a new group member. My name is Mark and my callsign is
> VK6UMG. The morse requirement is going to be droped here in Australia
> on the 1 Jan 2004, so Ive just bought a Yaesu FT707, tuner, ext VFO
> and power supply/ext speaker in prepartion for this (currently a
> Limited licence, 29MHZ and above). Im not sure that I will get into
> HF in a big way, so I went for an older radio and bought this set up
> for a cheap price. Ive read through all the messages etc, and I
> wonder if there are any major things to look out for with this radio
> and accessories,
>
> Cheers,
>
> Mark

> Perth
> Western Australia
>
>
>
> _____
> _____
>
> Message: 2
> Date: Tue, 25 Nov 2003 13:36:13 -0500
> From: "DVP Rao" <dvprao@...>
> Subject: Re: Digest Number 35
>
> Greetings from Canada:
> What are you expecting for the setup.
> I already own an FT707 but I can use the Speaker/power supply, Antenna
Tuner
> etc.
> I will be paying more that a mic's price :)
> 73
> DVP
> ----- Original Message -----
> From: <FT-707@yahoogroups.com>
> To: <FT-707@yahoogroups.com>
> Sent: November 25, 2003 12:53 PM
> Subject: [FT-707] Digest Number 35
>
>
> >
> > Yaesu-Musen Radios: Quality all around!
> >
> >
> > ---
> >
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. FT-707 - where to sell my setup?
> > From: "dombaines" <dombaines@...>
> >
> >
> > _____
> > _____
> >
> > Message: 1
> > Date: Mon, 24 Nov 2003 09:58:27 -0000
> > From: "dombaines" <dombaines@...>
> > Subject: FT-707 - where to sell my setup?
> >

> > I'm trying to figure out the best place to sell my complete FT-707
> > setup. FT707, FP707, FC707, FTV707 with 2m module fitted, FV707DM
> >
> > Most commercial new rig dealers are not interested and the 2nd hand
> > options they provide are not just not appealing and offer less than
> > the cost of a mic or some accessory which feel insulting but is
> > explainable as they are not really interested in 2nd user kit.
> >
> > It's all in decent, used condition and has seem plenty of use. All
> > WARC enabled but no narrow CW filter. Non-smokers have owned it both
> > me and previous owner.
> >
> > Why am I selling... easy. XYL has ok'd shack can be in the house now
> > (I homebrew too so this is a biggy for her) but something has to
> > go... so the FT-707 setup is available.
> >
> > Please could anyone advise where I could sell my setup for a
> > realistic price?
> >
> > 72/3
> >
> > Dom
> > M1KTA
> >
> >
> >
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> > _____
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> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
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>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

59. Re: [FT-707] Digest Number 36

Yahoo group: FT-707
Date: 2003-11-26 16:26:49 UTC
From: DVP Rao
Topic: 58 Message: 59

The best place to sell is to place an ad in the eham.net web site.
I almost bought one HF rig from that site.
cheers
73
VE3RAU

----- Original Message -----
From: <FT-707@yahoogroups.com>
To: <FT-707@yahoogroups.com>
Sent: November 26, 2003 9:27 AM
Subject: [FT-707] Digest Number 36

>
> Yaesu-Musen Radios: Quality all around!
>
>
> ---
>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. New member
> From: "vk6umg" <vk6umg@...>
> 2. Re: Digest Number 35
> From: "DVP Rao" <dvprao@...>
>
>
> _____
> _____
>
> Message: 1
> Date: Tue, 25 Nov 2003 08:00:53 -0000
> From: "vk6umg" <vk6umg@...>
> Subject: New member
>
> Greetings from a new group member. My name is Mark and my callsign is
> VK6UMG. The morse requirement is going to be droped here in Australia
> on the 1 Jan 2004, so Ive just bought a Yaesu FT707, tuner, ext VFO
> and power supply/ext speaker in prepartion for this (currently a
> Limited licence, 29MHZ and above). Im not sure that I will get into
> HF in a big way, so I went for an older radio and bought this set up
> for a cheap price. Ive read through all the messages etc, and I
> wonder if there are any major things to look out for with this radio
> and accessories,

>
> Cheers,
>
> Mark
> Perth
> Western Australia
>
>
>
> _____
> _____
>
> Message: 2
> Date: Tue, 25 Nov 2003 13:36:13 -0500
> From: "DVP Rao" <dvprao@...>
> Subject: Re: Digest Number 35
>
> Greetings from Canada:
> What are you expecting for the setup.
> I already own an FT707 but I can use the Speaker/power supply, Antenna
Tuner
> etc.
> I will be paying more that a mic's price :)
> 73
> DVP
> ----- Original Message -----
> From: <FT-707@yahoogroups.com>
> To: <FT-707@yahoogroups.com>
> Sent: November 25, 2003 12:53 PM
> Subject: [FT-707] Digest Number 35
>
>
> >
> > Yaesu-Musen Radios: Quality all around!
> >
> >
> > ---
> >
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. FT-707 - where to sell my setup?
> > From: "dombaines" <dombaines@...>
> >
> >
> > _____
> > _____
> >
> > Message: 1

> > Date: Mon, 24 Nov 2003 09:58:27 -0000
> > From: "dombaines" <dombaines@...>
> > Subject: FT-707 - where to sell my setup?
> >
> > I'm trying to figure out the best place to sell my complete FT-707
> > setup. FT707, FP707, FC707, FTV707 with 2m module fitted, FV707DM
> >
> > Most commercial new rig dealers are not interested and the 2nd hand
> > options they provide are not just not appealing and offer less than
> > the cost of a mic or some accessory which feel insulting but is
> > explainable as they are not really interested in 2nd user kit.
> >
> > It's all in decent, used condition and has seem plenty of use. All
> > WARC enabled but no narrow CW filter. Non-smokers have owned it both
> > me and previous owner.
> >
> > Why am I selling... easy. XYL has ok'd shack can be in the house now
> > (I homebrew too so this is a biggy for her) but something has to
> > go... so the FT-707 setup is available.
> >
> > Please could anyone advise where I could sell my setup for a
> > realistic price?
> >
> > 72/3
> >
> > Dom
> > M1KTA
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> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

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>
>

60. I put my ft-707 on ebay...

Yahoo group: FT-707
Date: 2003-11-27 19:17:31 UTC
From: dombaines
Topic: 60 Message: 60

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?
ViewItem&item=3061744110&category=1502&rd=1

73's

Dom
M1KTA

61. Re: Digest Number 36

Yahoo group: FT-707
Date: 2003-11-26 20:42:34 UTC
From: dombaines
Topic: 58 Message: 61

I bought it over a number of years...

The FT-707 I bought in 1998 and everything else since. Note never used on TX until this year.

FT707(£275)
FP707(£80)
FC707(£125)
FTV707 with 2m module fitted (£125)
FV707DM (£225)

So it all cost me much more than I'd except for the setup.

Operates fine on all bands, I could try a qso sked with you if needed. Note the FT707 does not have a narrow CW filter included but is all WARC enabled on RX and TX. 100W full power. The power switch on the FP707 is constantly set to on (I use the mains switch instead) but could be reconnected. I have manuals for most units some copies some original all included. I'm a non smoker so the units are in perfect operating condition and are immaculate, except for a mark on the ATU from a soldering iron (I was soldering on the bench and the iron travelled across it and the hot barrel rested against the plastic case at bottom of one corner so a plastic melt occured). Could image it if necessary.

If I can't sell for a reasonable price I'll probably keep it as a second rig as it is perfectly functional.

Dom

--- In FT-707@yahoogroups.com, "DVP Rao" <dvprao@h...> wrote:
> how much did you play for it ?
>
> ----- Original Message -----
> From: <FT-707@yahoogroups.com>
> To: <FT-707@yahoogroups.com>
> Sent: November 26, 2003 9:27 AM
> Subject: [FT-707] Digest Number 36
>
>
> >
> > Yaesu-Musen Radios: Quality all around!
> >
> >
> > ----------

> >

> > There are 2 messages in this issue.
> >
> > Topics in this digest:
> >
> > 1. New member
> > From: "vk6umg" <vk6umg@y...>
> > 2. Re: Digest Number 35
> > From: "DVP Rao" <dvprao@h...>
> >
> >
> >

--
> >

--
> >
> > Message: 1
> > Date: Tue, 25 Nov 2003 08:00:53 -0000
> > From: "vk6umg" <vk6umg@y...>
> > Subject: New member
> >
> > Greetings from a new group member. My name is Mark and my
callsign is
> > VK6UMG. The morse requirement is going to be droped here in
Australia
> > on the 1 Jan 2004, so Ive just bought a Yaesu FT707, tuner, ext
VFO
> > and power supply/ext speaker in prepartion for this (currently a
> > Limited licence, 29MHZ and above). Im not sure that I will get
into
> > HF in a big way, so I went for an older radio and bought this set
up
> > for a cheap price. Ive read through all the messages etc, and I
> > wonder if there are any major things to look out for with this
radio
> > and accessories,
> >
> > Cheers,
> >
> > Mark
> > Perth
> > Western Australia
> >
> >
> >
> >

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> >

--
> >
> > Message: 2
> > Date: Tue, 25 Nov 2003 13:36:13 -0500
> > From: "DVP Rao" <dvprao@h...>
> > Subject: Re: Digest Number 35
> >
> > Greetings from Canada:
> > What are you expecting for the setup.
> > I already own an FT707 but I can use the Speaker/power supply,
Antenna
> Tuner
> > etc.
> > I will be paying more that a mic's price :)
> > 73
> > DVP
> > ----- Original Message -----
> > From: <FT-707@yahoogroups.com>
> > To: <FT-707@yahoogroups.com>
> > Sent: November 25, 2003 12:53 PM
> > Subject: [FT-707] Digest Number 35
> >
> >
> > >
> > > Yaesu-Musen Radios: Quality all around!
> > >
> > >
> > > ---

> > >
> > > There is 1 message in this issue.
> > >
> > > Topics in this digest:
> > >
> > > 1. FT-707 - where to sell my setup?
> > > From: "dombaines" <dombaines@m...>
> > >
> > >
> > >

--
> > >

--
> > >
> > > Message: 1
> > > Date: Mon, 24 Nov 2003 09:58:27 -0000
> > > From: "dombaines" <dombaines@m...>
> > > Subject: FT-707 - where to sell my setup?

> > >
> > > I'm trying to figure out the best place to sell my complete FT-
707
> > > setup. FT707, FP707, FC707, FTV707 with 2m module fitted,
FV707DM
> > >
> > > Most commercial new rig dealers are not interested and the 2nd
hand
> > > options they provide are not just not appealing and offer less
than
> > > the cost of a mic or some accessory which feel insulting but is
> > > explainable as they are not really interested in 2nd user kit.
> > >
> > > It's all in decent, used condition and has seem plenty of use.
All
> > > WARC enabled but no narrow CW filter. Non-smokers have owned it
both
> > > me and previous owner.
> > >
> > > Why am I selling... easy. XYL has ok'd shack can be in the
house now
> > > (I homebrew too so this is a biggy for her) but something has to
> > > go... so the FT-707 setup is available.
> > >
> > > Please could anyone advise where I could sell my setup for a
> > > realistic price?
> > >
> > > 72/3
> > >
> > > Dom
> > > M1KTA
> > >
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62. Re: Digest Number 35

Yahoo group: FT-707
Date: 2003-11-26 20:32:03 UTC
From: dombaines
Topic: 57 Message: 62

Hi,

Note that shipping from UK to Canada is going to be relatively
expensive.

What were you thinking about as I had an offer emailed to me?

Dom
--- In FT-707@yahoogroups.com, "DVP Rao" <dvprao@h...> wrote:
> Greetings from Canada:
> What are you expecting for the setup.
> I already own an FT707 but I can use the Speaker/power supply,
Antenna Tuner
> etc.
> I will be paying more that a mic's price :)
> 73
> DVP
> ----- Original Message -----
> From: <FT-707@yahoogroups.com>
> To: <FT-707@yahoogroups.com>
> Sent: November 25, 2003 12:53 PM
> Subject: [FT-707] Digest Number 35
>
>
> >
> > Yaesu-Musen Radios: Quality all around!
> >
> >
> > --

> >
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. FT-707 - where to sell my setup?
> > From: "dombaines" <dombaines@m...>
> >
> >
> >

--
> >

--
> >

> > Message: 1
> > Date: Mon, 24 Nov 2003 09:58:27 -0000
> > From: "dombaines" <dombaines@m...>
> > Subject: FT-707 - where to sell my setup?
> >
> > I'm trying to figure out the best place to sell my complete FT-707
> > setup. FT707, FP707, FC707, FTV707 with 2m module fitted, FV707DM
> >
> > Most commercial new rig dealers are not interested and the 2nd
hand
> > options they provide are not just not appealing and offer less
than
> > the cost of a mic or some accessory which feel insulting but is
> > explainable as they are not really interested in 2nd user kit.
> >
> > It's all in decent, used condition and has seem plenty of use. All
> > WARC enabled but no narrow CW filter. Non-smokers have owned it
both
> > me and previous owner.
> >
> > Why am I selling... easy. XYL has ok'd shack can be in the house
now
> > (I homebrew too so this is a biggy for her) but something has to
> > go... so the FT-707 setup is available.
> >
> > Please could anyone advise where I could sell my setup for a
> > realistic price?
> >
> > 72/3
> >
> > Dom
> > M1KTA
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> >
> > Your use of Yahoo! Groups is subject to
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> >
> >
> >

63. Re: [FT-707] Re: Digest Number 36

Yahoo group: FT-707
Date: 2003-11-27 21:32:06 UTC
From: jim
Topic: 58 Message: 63

dombaines wrote:
> I bought it over a number of years...
>
> The FT-707 I bought in 1998 and everything else since. Note never
> used on TX until this year.
>
> FT707(?275)
> FP707(?80)
> FC707(?125)
> FTV707 with 2m module fitted (?125)
> FV707DM (?225)
>
> So it all cost me much more than I'd except for the setup.
>
> Operates fine on all bands, I could try a qso sked with you if
> needed. Note the FT707 does not have a narrow CW filter included but
> is all WARC enabled on RX and TX. 100W full power. The power switch
> on the FP707 is constantly set to on (I use the mains switch instead)
> but could be reconnected. I have manuals for most units some copies
> some original all included. I'm a non smoker so the units are in
> perfect operating condition and are immaculate, except for a mark on
> the ATU from a soldering iron (I was soldering on the bench and the
> iron travelled across it and the hot barrel rested against the
> plastic case at bottom of one corner so a plastic melt occured).
> Could image it if necessary.
>
> If I can't sell for a reasonable price I'll probably keep it as a
> second rig as it is perfectly functional.
>
> Dom
> >

I'm interested in the FV707DM, but are you sure the price is resenbel?
And if it is, is it with the cabels and shipping?
I live in the Netherlands.

73 Jim

--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

64. Relays?...

Yahoo group: FT-707
Date: 2003-11-30 17:33:17 UTC
From: Paul
Topic: 64 Message: 64

Wonder if anyone knows a source for these?...
My problem is not the usual tx to rx switching problem it's an intermittent fault when going over to TX ie. no output...a few stabs at the PTT or MOX switch usually sorts it out for a limited time...
Im suspecting one relay that powers the amp side?..anyone had this before and know the problem and cure?....all help appreciated..incidentally rightly or wrongly i have used relay and switch cleaner to no avail..
so..maybe time to replace one or two..
Does anyone have any spares ..or an old 707 for spares at the right price...???
Thanks Paul (g0oph)

65. Re: [FT-707] Relays?...

Yahoo group: FT-707
Date: 2003-11-30 19:07:51 UTC
From: Tim Pekkonen
Topic: 64 Message: 65

I did some research a while ago about the relays and I think some older Kenwoods (Possibly the TS-920 ??) uses the same relays, so they should be relatively easy to obtain. I know my response won't completely help you, but it might get you going in the right direction. I can't seem to find my notes that I made when I was looking into them. By the way, my FT-707 has the more 'common' problem, it won't go back to receive after letting go of the PTT.

73, Tim

* * * * * * * * * * *
Tim Pekkonen VE3UO
ve3uo@...
Belleville ON FN14hd
* * * * * * * * * * *

----Original Message Follows----
From: "Paul" <g0oph@...>
Reply-To: FT-707@yahoogroups.com
To: FT-707@yahoogroups.com
Subject: [FT-707] Relays?...
Date: Sun, 30 Nov 2003 17:33:17 -0000

Wonder if anyone knows a source for these?...
My problem is not the usual tx to rx switching problem it's an intermittent fault when going over to TX ie. no output...a few stabs at the PTT or MOX switch usually sorts it out for a limited time...
Im suspecting one relay that powers the amp side?..anyone had this before and know the problem and cure?....all help appreciated..incidentally rightly or wrongly i have used relay and switch cleaner to no avail..
so..maybe time to replace one or two..
Does anyone have any spares ..or an old 707 for spares at the right price...???
Thanks Paul (g0oph)

Yaesu-Musen Radios: Quality all around!

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_____
The new MSN 8: advanced junk mail protection and 2 months FREE*
http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca

67. AM Bandwidth mod?

Yahoo group: FT-707
Date: 2003-12-01 20:10:48 UTC
From: Clark Jillson
Topic: 67 Message: 67

Hi folks:

This user's group is fantastic!

I've noticed that the audio quality when listening on the AM side of the FT-707 is not very good...because I feel that the bandwidth set for 3.6 Khz is too narrow for my liking.

Has anybody attempted to modify the rig so that the bandwidth could be at 8 khz .... or at least 6 khz?

Any suggestions?

Thanks

Clark
KB9SJD

68. Re: AM Bandwidth mod?

Yahoo group: FT-707
Date: 2003-12-02 02:20:03 UTC
From: VE1HE
Topic: 67 Message: 68

I'm glad you enjoy the group Clark,

I'm not sure there's a way to change the receiver's bandwith. Maybe
someone else can answer that question.
I was just curious. Are you trying to listen to broadcast stations or
is it for ham radio use?

Yes you are right, I also feel the AM is too notched for a good easy
listening AM reception even for ham use.
Very few stations have a great audio report on AM with the 707. I
used to think it was their mic but you made me wonder... Maybe it
should be widened a little bit eh?

Anybody has any idea? It's great to listen to AM on 80 at night...
Too bad not more guys use it.

As for broadcasters in the 40m band, keep in mind that they'll be no
longer any broadcast stations in area 2 broadcasting in this segment
of the band (7.1 to 7.3) within the next few years in accordance with
the ITU's most recent decision (that's if the BPL doesn't stop them
from broadcasting before then!).

Take care,

Pierre.

> Hi folks:
>
> This user's group is fantastic!
>
> I've noticed that the audio quality when listening on the AM side
of
> the FT-707 is not very good...because I feel that the bandwidth set
> for 3.6 Khz is too narrow for my liking.
>
> Has anybody attempted to modify the rig so that the bandwidth could
> be at 8 khz .... or at least 6 khz?
>
> Any suggestions?
>
> Thanks
>
> Clark
> KB9SJD

69. Greetings from new member

Yahoo group: FT-707
Date: 2003-12-02 22:04:28 UTC
From: coppertop555
Topic: 69 Message: 69

Greetings to all members in the group ,my name is George and my
call sign is M3GWY.
I recently purchased FT707 but minus the operators manual.
Is there any member who knows where I might be able to obtain one
either in booklet form or pdf. ?
73's George

70. What am I doing wrong??

Yahoo group: FT-707
Date: 2003-12-03 02:30:50 UTC
From: Rich W
Topic: 70 Message: 70

I am new to using the FT707, I have the matching power supply and the FC-707 antenna tuner. I am trying to tune the transmitter to the built in Dummy load. I have the 8Volt line connected and the indicator lights up when the dummy load is selected. As per the antenna tuner manual, I adjust all controls to the starting point and readjust as I adjust the Load and Tune controls. It seems that I cannot get the SWR lower than 3:1 with the dummy load selected, Switching to the PO mode I see 15Watts.... Any idea what I am doing wrong? and also I would like to know how much wattage I should be seeing in AM mode... Thank you... Rich WA2GTW

71. Re: What am I doing wrong??

Yahoo group: FT-707
Date: 2003-12-03 14:44:51 UTC
From: Phil
Topic: 70 Message: 71

You need to put the band switch on the atu to the 'by pass' direct position, the one after the 10m point, to use the dummy load. You wont need to tune it up.

Good Luck

--- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
> I am new to using the FT707, I have the matching power supply and
> the FC-707 antenna tuner. I am trying to tune the transmitter to
the
> built in Dummy load. I have the 8Volt line connected and the
> indicator lights up when the dummy load is selected. As per the
> antenna tuner manual, I adjust all controls to the starting point
> and readjust as I adjust the Load and Tune controls. It seems that
I
> cannot get the SWR lower than 3:1 with the dummy load selected,
> Switching to the PO mode I see 15Watts.... Any idea what I am doing
> wrong? and also I would like to know how much wattage I should be
> seeing in AM mode... Thank you... Rich WA2GTW

72. Re: Greetings from new member

Yahoo group: FT-707
Date: 2003-12-03 14:47:02 UTC
From: Phil
Topic: 69 Message: 72

--- In FT-707@yahoogroups.com, "coppertop555" <ge.hughes@t...> wrote:
>
>
> Greetings to all members in the group ,my name is George and my
> call sign is M3GWY.
> I recently purchased FT707 but minus the operators manual.
> Is there any member who knows where I might be able to obtain one
> either in booklet form or pdf. ?
> 73's George

Try here http://www.cqham.ru/sch_eng.html

73's

Phil

73. Re: Greetings from new member

Yahoo group: FT-707
Date: 2003-12-03 16:04:36 UTC
From: coppertop555
Topic: 69 Message: 73

Many thank's for the info Phil', I have been to the site
and aquired the needed file for the FT 707.

73's George

74. Re: [FT-707] Digest Number 41

Yahoo group: FT-707
Date: 2003-12-03 17:46:21 UTC
From: DVP Rao
Topic: 74 Message: 74

Few months ago I downloaded a paperport file put up by one of the HAMs on
the internet. I forgot the link but I will try and send that to you but I
was only using Goggle as my search engine and I got to it fairly easily. (
this was in July 2003)
Otherwise let me know I can photocopy my manual and send it to you
73
DVP
----- Original Message -----
From: <FT-707@yahoogroups.com>
To: <FT-707@yahoogroups.com>
Sent: December 03, 2003 9:35 AM
Subject: [FT-707] Digest Number 41

>
> Yaesu-Musen Radios: Quality all around!
>
>
> ---
>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. Greetings from new member
> From: "coppertop555" <ge.hughes@...>
> 2. What am I doing wrong??
> From: "Rich W" <mistrmom@...>
>
>
> _____
> _____
>
> Message: 1
> Date: Tue, 02 Dec 2003 22:04:28 -0000
> From: "coppertop555" <ge.hughes@...>
> Subject: Greetings from new member
>
>
>
> Greetings to all members in the group ,my name is George and my
> call sign is M3GWY.
> I recently purchased FT707 but minus the operators manual.
> Is there any member who knows where I might be able to obtain one
> either in booklet form or pdf. ?
> 73's George

>
>
>
> ---
> ---
>
> Message: 2
> Date: Wed, 03 Dec 2003 02:30:50 -0000
> From: "Rich W" <mistrmom@...>
> Subject: What am I doing wrong??
>
> I am new to using the FT707, I have the matching power supply and
> the FC-707 antenna tuner. I am trying to tune the transmitter to the
> built in Dummy load. I have the 8Volt line connected and the
> indicator lights up when the dummy load is selected. As per the
> antenna tuner manual, I adjust all controls to the starting point
> and readjust as I adjust the Load and Tune controls. It seems that I
> cannot get the SWR lower than 3:1 with the dummy load selected,
> Switching to the PO mode I see 15Watts.... Any idea what I am doing
> wrong? and also I would like to know how much wattage I should be
> seeing in AM mode... Thank you... Rich WA2GTW
>
>
>
> ---
> ---
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

75. At last! (Or: Think before you key down)

Yahoo group: FT-707
Date: 2003-12-21 20:01:37 UTC
From: VE1HE
Topic: 75 Message: 75

Hi guys,

There's not much activity but it's nice to see that our users' group is growing and growing!

I'm such a happy camper this morning.
Went to bed at 3:00 am PT last night because believe it or not, it was my first time transmitting with my 707!

I had done a lot of listening on it but for some reason kept having SWR problems when transmitting.
I was really busy this year and so couldn't take much time to troubleshoot but I finally got to it.

I don't know how the radio supported all this SWR for so long when I was trying to tune it up!

I can't believe I was doing all this wrong!

The first problem was that I was using BNC-ended connectors as jumpers along with BNC to PL-259 adoptors/reducers.
I think that was not quite a good idea as when the BNC moves around a little, it doesn't make quite as good a contact as a tightly screwed PL-259 against an SO-239 chassis mount connector.

I guess they are okay in the high VHF and UHF since the frequency is so high but in the HF bands, it wasn't working for me.

So I started by replacing those with full-sized RG-8 coaxial cable jumpers between the radio and the SWR metre and the tuner.

I thought just doing that would solve the problem on it's own but no!!! helas! it didn't...

When I fiddled around with the coax at the back of the radio I noticed that the reception would change as I pulled on the wires and cables! mmmm weird..
Found out that prongs of the SO-239 from the 707 were too loose thus not making a good and constant DC contact. So I used a small pocket knife and bent a few prongs gently inward and voilà!

At least now I had constant reception but don't get too excited Pierre... The SWR was still behaving very strangely.
As I was trying to dip the SWR down, this would also dip the power down at the same rate; which is totally strange because if you have less reflected power, technically you should have more forward power right?

I kept doing this for oh... about 2 hours when it dawned on me that even though the circuit is in series, it didn't make any sense for the SWR meter to be connected between the antenna and the antenna tuner but should be connected between the xcvr and the tuner instead!

It had been years since I had used external SWR/PWR metres as my previous FT-817 had a built in metre so I didn`t have to worry about that then.

Surely enough when I looked, lo and behold, it wasn't connected where it should have been. Also, the meter was pluged in reverse (the antenna was on the side marked xmtr and the xmtr was on the side marked antenna).

I don't think I could have made any more mistakes and problems. I think I had all the conditions set up in such a way to not be able to bring my SWR down; worse even! To burn up my finals!

So you guys, take your time when wiring up and when tuning, make sure you tune at low power. When the circuit is wired properly, you don't need a lot of power to dip the SWR right down with a good antenna tuner in line.

Thanks to the 707's final protection circuit, it wouldn't allow me to go any higher than 10 watts with my setup wrongly wired.

First contact in years on HF: Florida with W4SAA. He gave me a 549 on CW. Not bad for a transcontinental QSO only using a small mobile hamstick on the side of the balcony at a 45 degree angle!

Great tone from the 707 too.

I'm baaaaack!

73

76. Re: ALC question

Yahoo group: FT-707
Date: 2003-12-21 20:17:34 UTC
From: VE1HE
Topic: 45 Message: 76

Hi Clark,

I'm surprised no one responded to your post already regarding your ALC control button because the guys from this group are usually very quick to help.

Anyway, I pulled the manual out of my storage area and here's what it says in the description section of the rig page 1:

"Digital plus analog display of the operating frequency is provided. The front panel meter consists of a string of bright discrete LEDs, for easy monitoring of the received signal strenght, relative power output and the transmit ALC level."

On page 4 (Front panel controls and switches) we read:

"ALC - This switch checks the ALC level by the LED meter. WHen this button is NOT pushed, the LED meter indicates TX relative power output (PO)."

On page 24 of the Circuit description section:

"A variety of level control systems are included in the FT-707 for protection against overdrive, excess temperature or high SWR..."

My guess is that this ALC is some sort of combined readout of how much power input the transmitter is witholding when a less than ideal situation (temperature, SWR or overdrive in phone) occurs.

I haven't tried it yet but I would believe that when all conditions are optimum, when the ALC button is depressed the LEDS 1 through 9 would normally be unlit...

It's labeled 0, 2, 4... I'm not sure what those numbers represent though. I would think there probably not dB attenuation because the numbers would be far bigger...

Maybe someone else would be able to help you further in the group.

Pierre, VE1HE

--- In FT-707@yahoogroups.com, "Clark Jillson" <chvjillson@a...> wrote:
> Hi Folks:
>
> I just purchased a Yaesu FT-707 HF rig, and I'm trying to get
> familiarized with each function of the rig.
>

> What exactly does the ALC do? I'm assuming it's some sort of
> limiter, but is it used only when 'tuning up' a rig? Or is it
common
> practice to use it at all times? Does the ALC limit my power
output
> in any way?
>
> Thanks for your help. I can't wait to start using this rig.
>
> 73's
>
> Clark
> KB9SJD

77. Hi Pete

Yahoo group: FT-707
Date: 2003-12-21 20:21:38 UTC
From: Rich W
Topic: 77 Message: 77

I made the same mistake, placing my SWR meter after the antenna tuner!! I have been doing a lot of listening and no talking also because of high SWR. I installed a Hustler 5BTV with RG8/U coax to my rig just before the weather turned very cold and windy. The temp outside was too cold to properly solder the PL-259 connector onto the RG8/u outside. I needed a hotter soldering iron but the best I had was a 25 watter. Not hot enough, but I was able to catch a few ground strands and solder the center conductor. I ran 3 guy lines and made it just before the high winds came. It's still to cold to tune the antenna. I worked San Juan PR this morning from my QTH (Long Island NY) on 10 Meters. This band I can match 1:1 with the tuner. After the weather warms up a bit I hope to tune the antenna and try to set up a sked with FT-707 group members.... 73 and have a happy holiday, New year to all ... WA2GTW

78. Small problems

Yahoo group: FT-707
Date: 2003-12-23 05:34:37 UTC
From: VE1HE, Pierre
Topic: 78 Message: 78

Hi group members:

Now that I can transmit, I have two little problems that maybe someone might be able to help me with.

The first one has to do with SSB. In SSB, I've tried two different mikes and even though I set the mic control fully clockwise, I can't seem to be able to get more than 10 to 15 watts out of either one.
The first one is a hand mic YM-36 with an impedance of 600 ohms.
The other one is a desktop mic YD-148 (looks like the YM-34 as seen on page 7 of the FT-707 owner's manual) with selectable impedances of either 600 ohm or 50 kohms.

It's like if the impedance of the microphones was not matching what the transmitter is expecting to see for some reason or is there an adjustment somewhere inside or are both my microphones not operational?

The other problem is that I can transmit about 120 Watts in a dummy load on 80 metres but only 80 watts on 40, 75 on 20 and 70 on 10...

Does my radio need a tune up or is it just normal when the finals are old?

Thanks for all your advice. I can use em.

Oh by the way. I loved Rich's idea to establish a FT-707 HF net when the propagation gets better.
That would be a lot of fun.

Pete.

[Non-text portions of this message have been removed]

79. Re: Small problems

Yahoo group: FT-707
Date: 2003-12-23 12:06:45 UTC
From: Rich W
Topic: 78 Message: 79

Hi Pete,
I am not sure whether you are xmitting into a dummy load in CW mode and taking your readings that way or watching the peaks while whistling into the mike etc in SSB mode. If you are watching the peaks in SSB mode into the dummy load and seeing 120 watts, I am not sure but it sounds like you are still dealing with high SWR, even though you mentioned your watt meter is hooked up between the xmitter and ant. Tuner. This is just a guess; maybe others in this group can give a better answer..... Just putting my two cents in....
73 ... Rich WA2GTW

--- In FT-707@yahoogroups.com, "VE1HE, Pierre" <ve1he@a...> wrote:
> Hi group members:
>
> Now that I can transmit, I have two little problems that maybe someone might be able to help me with.
>
> The first one has to do with SSB. In SSB, I've tried two different mikes and even though I set the mic control fully clockwise, I can't seem to be able to get more than 10 to 15 watts out of either one.
> The first one is a hand mic YM-36 with an impedance of 600 ohms.
> The other one is a desktop mic YD-148 (looks like the YM-34 as seen on page 7 of the FT-707 owner's manual) with selectable impedances of either 600 ohm or 50 kohms.
>
> It's like if the impedance of the microphones was not matching what the transmitter is expecting to see for some reason or is there an adjustment somewhere inside or are both my microphones not operational?
>
> The other problem is that I can transmit about 120 Watts in a dummy load on 80 metres but only 80 watts on 40, 75 on 20 and 70 on 10...
>
> Does my radio need a tune up or is it just normal when the finals are old?
>
> Thanks for all your advice. I can use em.
>
> Oh by the way. I loved Rich's idea to establish a FT-707 HF net when the propagation gets better.
> That would be a lot of fun.
>
> Pete.
>

>
> [Non-text portions of this message have been removed]

80. FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2003-12-27 22:09:35 UTC
From: Rich W
Topic: 80 Message: 80

Hi group,

I need a mic.plug for my FT-707 to use with a D104 microphone. Does anyone know where I can obtain one. Thanks..... Rich WA2GTW

81. Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2003-12-29 17:33:56 UTC
From: dombaines@mmbq.demon.co.uk
Topic: 80 Message: 81

--- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
> Hi group,
>
> I need a mic.plug for my FT-707 to use with a D104 microphone. Does
> anyone know where I can obtain one. Thanks..... Rich WA2GTW

Sold my FT-707 setup but I have a spare 8 pin new non-used plug.

If you get no joy come back to me. Will sell and ship at cost (couple bucks in US speak) I'm in UK.

72/3

Dom
M1KTA

82. Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2003-12-30 12:03:56 UTC
From: Rich W
Topic: 80 Message: 82

Hi Dom,

Thanks for your offer, I found the plug is available at a local electronics store named Radio Shack. The stock # is 274-025 $3.99 American dollars..Another piece of info to all, I hooked up a D104 microphone to the FT-707, that has a preamp built into the base. It works perfectly with NO modifications. Happy New Year to all!!....73 ... Rich WA2GTW

--- In FT-707@yahoogroups.com, dombaines@m... wrote:
> --- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
> > Hi group,
> >
> > I need a mic.plug for my FT-707 to use with a D104 microphone.
Does
> > anyone know where I can obtain one. Thanks..... Rich WA2GTW
>
> Sold my FT-707 setup but I have a spare 8 pin new non-used plug.
>
> If you get no joy come back to me. Will sell and ship at cost
(couple
> bucks in US speak) I'm in UK.
>
> 72/3
>
> Dom
> M1KTA

83. File - Promoting our group

Yahoo group: FT-707
Date: 2004-01-01 10:06:40 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 83

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

84. Re: [FT-707] File - Promoting our group

Yahoo group: FT-707
Date: 2004-01-01 12:47:34 UTC
From: Terry.Baldwin
Topic: 84 Message: 84

I thought I would start the New Year off with my first post to the group,

> Here's an example of an email that may be sent to other FT-707 users
> - Auction winners
> - Google searches under FT-707
> - ARC and association members you know own the rig
> - etc...
>

Looking through E-Bay.co.uk I found this FT-707 line-up for auction,

Regards Terry
G4UEM

85. Re: 707ebay

Yahoo group: FT-707
Date: 2004-01-01 14:45:10 UTC
From: Terry.Baldwin
Topic: 85 Message: 85

Jim, many thanks for your e-mail, it's NOT MY FT-707 Line-up for sale!!,
I posted the link for other members of the group or prospective owners of
the a Yaesu FT-707 information.

I will in future not post any more links to E-Bay.

I have had a FT-707 for many years an will not part the radio.

Regards Terry
G4UEM

----- Original Message -----
From: "jim" <adres.werkt@...>
To: <terry.baldwin@...>
Sent: Thursday, January 01, 2004 2:11 PM
Subject: 707ebay

> Hello Terry,
>
> I'm one of the moderators of the 707 Group.
> I saw your message you send to the group.
> We have lately decided to block ebay sel.
> If you want to sell your 707 you can post a message with the details and
> a fair price.
> We have done this to block resellers, we are a support group of 707 and
> not a advertising group for resellers.
> I hope you understand wy I removed the ebay link in your message.
>
> Best 73 in 2004
>
>
> Jim PE1REA
> --
> Jim PE1REA
> Email, plaats amsat punt org achter de call
> www.backerhome.tk
> Links onderin linkje naar foto's van shack
> .--. . .---- .-. . .-
>
>

86. Happy new year!

Yahoo group: FT-707
Date: 2004-01-01 16:07:10 UTC
From: VE1HE
Topic: 86 Message: 86

Happy 2004 to all the group members!

The FT-707 Yahoo support group.

87. Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2004-01-04 22:34:32 UTC
From: VE1HE
Topic: 80 Message: 87

Hi Rich,

Yes the plug is a very standard 8 prongs type... I have a whole
collection here (I don't know how I ended up with so many).

Anyway, how many watts to you get on average when transmitting on SSB
with the D104?
Like I said, none of my microphones give me more than 15 or 20 watts
MAX!

I was wondering if anyone else has had any kind of successes on SSB
with their FT-707 original microphones at all? If so, what kind of
output do you get on peaks and on average?

I'm very curious to know before I start stripping my radio down.

Thanks a lot guys for your invaluable help.

Pete
--- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
> Hi Dom,
>
> Thanks for your offer, I found the plug is available at a local
> electronics store named Radio Shack. The stock # is 274-025 $3.99
> American dollars..Another piece of info to all, I hooked up a D104
> microphone to the FT-707, that has a preamp built into the base. It
> works perfectly with NO modifications. Happy New Year to
> all!!....73 ... Rich WA2GTW
>
>
>
>
>
>
> --- In FT-707@yahoogroups.com, dombaines@m... wrote:
> > --- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
> > > Hi group,
> > >
> > > I need a mic.plug for my FT-707 to use with a D104 microphone.
> Does
> > > anyone know where I can obtain one. Thanks..... Rich WA2GTW
> >
> > Sold my FT-707 setup but I have a spare 8 pin new non-used plug.
> >
> > If you get no joy come back to me. Will sell and ship at cost
> (couple

> > bucks in US speak) I'm in UK.
> >
> > 72/3
> >
> > Dom
> > M1KTA

88. Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2004-01-06 02:26:51 UTC
From: Rich W
Topic: 80 Message: 88

Hi pete,
I did not measure the output on SSB but I did measure the output on
AM into a dummy load. It is as follows:
3.5 MHZ=20W
10 MHZ =30W
14 MHZ=20W
18 MHZ=30W
21 MHZ=30W
25 MHZ=30W
28 MHZ=30W
I was told by two radio techs that this is spec.
I wonder if the 100W spec. is P.E.P or RMS.... Happy New Year to
all... Rich WA2GTW

--- In FT-707@yahoogroups.com, "VE1HE" <ve1he@a...> wrote:
> Hi Rich,
>
> Yes the plug is a very standard 8 prongs type... I have a whole
> collection here (I don't know how I ended up with so many).
>
> Anyway, how many watts to you get on average when transmitting on
SSB
> with the D104?
> Like I said, none of my microphones give me more than 15 or 20
watts
> MAX!
>
> I was wondering if anyone else has had any kind of successes on
SSB
> with their FT-707 original microphones at all? If so, what kind of
> output do you get on peaks and on average?
>
> I'm very curious to know before I start stripping my radio down.
>
> Thanks a lot guys for your invaluable help.
>
>
> Pete
> --- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
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> >
> > Thanks for your offer, I found the plug is available at a local
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> > American dollars..Another piece of info to all, I hooked up a

D104
> > microphone to the FT-707, that has a preamp built into the base.
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microphone.
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> > > > anyone know where I can obtain one. Thanks..... Rich WA2GTW
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plug.
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> > > If you get no joy come back to me. Will sell and ship at cost
> > (couple
> > > bucks in US speak) I'm in UK.
> > >
> > > 72/3
> > >
> > > Dom
> > > M1KTA

89. Re: [FT-707] Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2004-01-06 05:51:30 UTC
From: jim
Topic: 80 Message: 89

Rich W wrote:
> Hi pete,
> I did not measure the output on SSB but I did measure the output on
> AM into a dummy load. It is as follows:
> 3.5 MHZ=20W
> 10 MHZ =30W
> 14 MHZ=20W
> 18 MHZ=30W
> 21 MHZ=30W
> 25 MHZ=30W
> 28 MHZ=30W
> I was told by two radio techs that this is spec.
> I wonder if the 100W spec. is P.E.P or RMS.... Happy New Year to
> all... Rich WA2GTW
>
>
>

100 Watt is PEP, same as 20 watt on 80 with mij S type is PEP.

--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

90. Re: [FT-707] Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2004-01-07 18:05:19 UTC
From: VE1HE, Pierre
Topic: 80 Message: 90

Rich,

THank you for your readings but the reason I was asking for the SSB readouts is because I want to test my microphone.
AM is not much of an indicator because what you see transmitted is the carrier of your radio regardless of the microphone.
If you could give me one reading of your output power on whatever band you normally operate on (I think you said you are on 15?) with your D104 and with the microphone that came with your 707, that would be great.
Give me the peak powers and the average when you speak in a normal voice at a normal distance from the mics.

I wonder what the other members are using as far as mics? Any problems to report gentlemen?

Please?

----- Original Message -----
From: Rich W
To: FT-707@yahoogroups.com
Sent: Monday, January 05, 2004 18:26 PM
Subject: [FT-707] Re: FT-707 MIC PLUG

Hi pete,
I did not measure the output on SSB but I did measure the output on
AM into a dummy load. It is as follows:
3.5 MHZ=20W
10 MHZ =30W
14 MHZ=20W
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I was told by two radio techs that this is spec.
I wonder if the 100W spec. is P.E.P or RMS.... Happy New Year to
all... Rich WA2GTW

--- In FT-707@yahoogroups.com, "VE1HE" <ve1he@a...> wrote:
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>
> Yes the plug is a very standard 8 prongs type... I have a whole
> collection here (I don't know how I ended up with so many).
>
> Anyway, how many watts to you get on average when transmitting on
SSB
> with the D104?
> Like I said, none of my microphones give me more than 15 or 20

watts
> MAX!
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> I was wondering if anyone else has had any kind of successes on
SSB
> with their FT-707 original microphones at all? If so, what kind of
> output do you get on peaks and on average?
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> I'm very curious to know before I start stripping my radio down.
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> Thanks a lot guys for your invaluable help.
>
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> Pete
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> > > bucks in US speak) I'm in UK.
> > >
> > > 72/3
> > >

> > > Dom
> > > M1KTA

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

b.. To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

91. Re: [FT-707] Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2004-01-07 20:35:33 UTC
From: Richard
Topic: 80 Message: 91

I have had good results with an older (late 60's early 70's) Amplified D-104 with the SSB Bullet Head.

Happy New Year All And when are we going to get a NET going on the air?

Rich

W2TMA

----- Original Message -----
From: VE1HE, Pierre
To: FT-707@yahoogroups.com
Sent: Wednesday, January 07, 2004 1:05 PM
Subject: Re: [FT-707] Re: FT-707 MIC PLUG

Rich,

THank you for your readings but the reason I was asking for the SSB readouts is because I want to test my microphone.
AM is not much of an indicator because what you see transmitted is the carrier of your radio regardless of the microphone.
If you could give me one reading of your output power on whatever band you normally operate on (I think you said you are on 15?) with your D104 and with the microphone that came with your 707, that would be great.
Give me the peak powers and the average when you speak in a normal voice at a normal distance from the mics.

I wonder what the other members are using as far as mics? Any problems to report gentlemen?

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To: FT-707@yahoogroups.com
Sent: Monday, January 05, 2004 18:26 PM
Subject: [FT-707] Re: FT-707 MIC PLUG

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> > --- In FT-707@yahoogroups.com, dombaines@m... wrote:
> > > --- In FT-707@yahoogroups.com, "Rich W" <mistrmom@y...> wrote:
> > > > Hi group,
> > > >

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> > > > anyone know where I can obtain one. Thanks..... Rich WA2GTW
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> > > Sold my FT-707 setup but I have a spare 8 pin new non-used
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> > >
> > > 72/3
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> > > Dom
> > > M1KTA

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http://groups.yahoo.com/group/FT-707/

b.. To unsubscribe from this group, send an email to:
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[Non-text portions of this message have been removed]

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FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

92. Re: [FT-707] Re: FT-707 MIC PLUG

Yahoo group: FT-707
Date: 2004-01-07 21:57:38 UTC
From: jim
Topic: 80 Message: 92

Richard wrote:
> I have had good results with an older (late 60's early 70's) Amplified D-104 with the SSB Bullet Head.
>
>
> Happy New Year All And when are we going to get a NET going on the air?
>
> Rich
>
> W2TMA
>
I have a noname mic, and on 80 meter I have peaks of 23/24 watts with my
S type.
The original mic is disapeart before I bought the set.

73 Jim

--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

93. rf out and pa

Yahoo group: FT-707
Date: 2004-01-14 20:09:30 UTC
From: jim
Topic: 93 Message: 93

Hello everybody,

I have a problem, I want to use the rf out with 100 mW and shut down the PA.
I have a amplyfier who can make 125 Watt with 25 to 100 mW input.
So I can use the rf out.
But I have to shut down the PA.
My 707 is a 10 Watt S model.
Has anyone some experiance with this?

73 Jim
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

94. no LSB - Please help

Yahoo group: FT-707
Date: 2004-01-17 17:48:46 UTC
From: hf218241256215
Topic: 94 Message: 94

just took my 707 out of the cupboard after renewing my licence. When I switch to LSB on any band, the rx audio is as per AM. Works fine in USB. But I don't have a scope, so haven't looked at the waveform in TX. Is this common, and does anyone know how to fix it, or even what is wrong? I have increasing - but limited - knowledge of what to test or look for, and there is nothing visually wrong.

any assistance would be highly appreciated,

thanks in advance,

Ian
VK2PXA

95. Re: [FT-707] no LSB - Please help

Yahoo group: FT-707
Date: 2004-01-17 22:12:51 UTC
From: Richard
Topic: 94 Message: 95

Try Spraying some contact cleaner on the / in the switch, and working it through all the settings a bunch of times. The switches get a little finnicky after 20 Plus years.....would'nt you?

W2TMA
----- Original Message -----
From: hf218241256215
To: FT-707@yahoogroups.com
Sent: Saturday, January 17, 2004 12:48 PM
Subject: [FT-707] no LSB - Please help

just took my 707 out of the cupboard after renewing my licence. When I switch to LSB on any band, the rx audio is as per AM. Works fine in USB. But I don't have a scope, so haven't looked at the waveform in TX. Is this common, and does anyone know how to fix it, or even what is wrong? I have increasing - but limited - knowledge of what to test or look for, and there is nothing visually wrong.

any assistance would be highly appreciated,

thanks in advance,

Ian
VK2PXA

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

96. Help Yaesu FTV-707DM

Yahoo group: FT-707
Date: 2004-01-28 23:35:40 UTC
From: Terry.Baldwin
Topic: 96 Message: 96

Help, I've have just brought a second-hand(of course!!) Yaesu FTV-707DM digital memory unit, it has no instructions, so please could somebody either point me in the direction of where I could either get an electronic or hard copy, failing that does anyone have one for sale or is willing to photocopy one and will pay their expenses??.

Regards Terry
G4UEM

[Non-text portions of this message have been removed]

97. Re: [FT-707] Help Yaesu FTV-707DM

Yahoo group: FT-707
Date: 2004-01-29 05:17:27 UTC
From: jim
Topic: 96 Message: 97

Terry.Baldwin wrote:
> Help, I've have just brought a second-hand(of course!!) Yaesu FTV-707DM digital memory unit, it has no instructions, so please could somebody either point me in the direction of where I could either get an electronic or hard copy, failing that does anyone have one for sale or is willing to photocopy one and will pay their expenses??.
>
> Regards Terry
> G4UEM
>
On www.mods.dk is a pdf to download.
But if you want to sell the item to me? ;-)

--
73 Jim
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

98. Re: [FT-707] Help Yaesu FTV-707DM

Yahoo group: FT-707
Date: 2004-01-31 19:53:28 UTC
From: Terry.Baldwin
Topic: 96 Message: 98

Jim, many thanks for the link, it has been most useful.

Regards Terry
G4UEM

----- Original Message -----
From: "jim" <pe1rea@...>
To: <FT-707@yahoogroups.com>
Sent: Thursday, January 29, 2004 5:17 AM
Subject: Re: [FT-707] Help Yaesu FTV-707DM

> Terry.Baldwin wrote:
> > Help, I've have just brought a second-hand(of course!!) Yaesu FTV-707DM
digital memory unit, it has no instructions, so please could somebody either
point me in the direction of where I could either get an electronic or hard
copy, failing that does anyone have one for sale or is willing to photocopy
one and will pay their expenses??.
> >
> > Regards Terry
> > G4UEM
> >
> On www.mods.dk is a pdf to download.
> But if you want to sell the item to me? ;-)
>
>
>
> --
> 73 Jim
> --
> Jim PE1REA
> Email, plaats amsat punt org achter de call
> www.backerhome.tk
> Links onderin linkje naar foto's van shack
> .--. . .---- .-. . .-
>
>
> Yaesu-Musen Radios: Quality all around!
>
>
>
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/FT-707/
>

> To unsubscribe from this group, send an email to:
> FT-707-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>
>

99. File - Promoting our group

Yahoo group: FT-707
Date: 2004-02-01 22:39:06 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 99

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

100. FT 707 Manual

Yahoo group: FT-707
Date: 2004-02-04 17:23:00 UTC
From: yv5grb
Topic: 100 Message: 100

Dear friends,

Under Links/Manuals I have posted a link to a page were you could download the Manual for the FT-707 (PDF) and a lot more.

I hope this will be usefull to all.

Best 73

Eduard

http://groups.yahoo.com/group/FT-707/

101. Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-18 22:22:30 UTC
From: yv5grb
Topic: 101 Message: 101

Dear friends,

Can somebody tell me where i could adjust the strenght (volume) of the Marker tone? I can hardly hear it.

Thank you all,

Eduard

102. Re: [FT-707] Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-19 07:37:30 UTC
From: VE1HE, Pierre
Topic: 101 Message: 102

Hi there Eduard,

I'll leave other people to answer this one if possible because I am very busy right now but I think there was a mod in the shop manual.

I'll let you know if no one else responds.

Pierre, VE1HE
----- Original Message -----
From: yv5grb
To: FT-707@yahoogroups.com
Sent: Wednesday, February 18, 2004 14:22 PM
Subject: [FT-707] Marker tone Volume

Dear friends,

Can somebody tell me where i could adjust the strenght (volume) of
the Marker tone? I can hardly hear it.

Thank you all,

Eduard

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b.. To unsubscribe from this group, send an email to:
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[Non-text portions of this message have been removed]

103. Re: [FT-707] Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-19 08:57:09 UTC
From: jim
Topic: 101 Message: 103

yv5grb wrote:
> Dear friends,
>
> Can somebody tell me where i could adjust the strenght (volume) of
> the Marker tone? I can hardly hear it.
>
> Thank you all,
>
> Eduard

The markertone has no volume pot.
It is a xtal with a ic and a transistor.
No adjustment at all, only a c to adjust the xtal on frequenty.
If the mark is very week, there is something else wrong.
The signal is injected in the frontend of the reciver.

--
73 Jim
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

104. Re: Re: [FT-707] Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-19 11:30:25 UTC
From: edresden@cantv.net
Topic: 101 Message: 104

Jim,

Thanks for your kind answer, well something must be wrong... I bought some weeks a 707 in general very nice condition, but checking the marker I did't hear anything,... later I opened the radio and looked to identify the adj. for the cristal, moved some the cw sidetone, and rechecked some cable terminals and I heard the marker tone again (very weak)....now i do not hear it anymore (again as before). Does this radio have the problems with the connectors (terminals) of the cables, do they have to be cleaned once in a while, as others do? I know about that problem when you live in humid climates. I live in a very dry air zone.

Jim, I see you are in Holland, both of my parents come from Amsterdam, so hi, hi there.

Tot ziens.

73 de Eduard
YV5GRB

---------- Mensaje Original ----------

De: jim [pe1rea@...]
Para: FT-707@yahoogroups.com [FT-707@yahoogroups.com]
Cc:
Asunto: Re: [FT-707] Marker tone Volume
Fecha: 19/02/2004 04:58:42
Mensaje:

yv5grb wrote:
> Dear friends,
>
> Can somebody tell me where i could adjust the strenght (volume) of
> the Marker tone? I can hardly hear it.
>
> Thank you all,
>
> Eduard

The markertone has no volume pot.
It is a xtal with a ic and a transistor.
No adjustment at all, only a c to adjust the xtal on frequenty.
If the mark is very week, there is something else wrong.
The signal is injected in the frontend of the reciver.

--
73 Jim

--
Jim PE1REA
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Yahoo! Groups Links

105. Re: [FT-707] Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-19 12:57:52 UTC
From: jim
Topic: 101 Message: 105

edresden@... wrote:
> Jim,
>
> Thanks for your kind answer, well something must be wrong... I bought some
> weeks a 707 in general very nice condition, but checking the marker I did't
> hear anything,... later I opened the radio and looked to identify the adj.
> for the cristal, moved some the cw sidetone, and rechecked some cable
> terminals and I heard the marker tone again (very weak)....now i do not
> hear it anymore (again as before). Does this radio have the problems with
> the connectors (terminals) of the cables, do they have to be cleaned once
> in a while, as others do? I know about that problem when you live in humid
> climates. I live in a very dry air zone.
>
> Jim, I see you are in Holland, both of my parents come from Amsterdam, so
> hi, hi there.
>
> Tot ziens.
>
> 73 de Eduard
> YV5GRB

Question, you can recieve something?
I go in english because the other members can read it now. :-)
If you have no recieving, mayby the frontend is damaged.
Have you a manual?
on www.mods.dk is a manual to download with schematic.

Ok, je kan me ook rechtstreeks mailen in het hollands. ;-)
--
73 Jim
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

106. Re: Re: [FT-707] Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-19 17:50:20 UTC
From: edresden@cantv.net
Topic: 101 Message: 106

Jim,

Thanks for your answer.

Yes, except that detail, the radio works great, receiving and transmitting (maybe some drift... but still have to check if untill it warms up), I have made great contacts with good RS reports...but again i have to check all the details.

Jim, you can write me in nederlands, I can read and talk it, but my writting is not acceptable. I'm better in english, hi, hi.

73 de ED

---------- Mensaje Original ----------

De: jim [pe1rea@...]
Para: FT-707@yahoogroups.com [FT-707@yahoogroups.com]
Cc:
Asunto: Re: [FT-707] Marker tone Volume
Fecha: 19/02/2004 08:59:28
Mensaje:

edresden@... wrote:
> Jim,
>
> Thanks for your kind answer, well something must be wrong... I bought some
> weeks a 707 in general very nice condition, but checking the marker I
did't
> hear anything,... later I opened the radio and looked to identify the adj.
> for the cristal, moved some the cw sidetone, and rechecked some cable
> terminals and I heard the marker tone again (very weak)....now i do not
> hear it anymore (again as before). Does this radio have the problems with
> the connectors (terminals) of the cables, do they have to be cleaned once
> in a while, as others do? I know about that problem when you live in humid
> climates. I live in a very dry air zone.
>
> Jim, I see you are in Holland, both of my parents come from Amsterdam, so
> hi, hi there.
>
> Tot ziens.
>
> 73 de Eduard
> YV5GRB

Question, you can recieve something?
I go in english because the other members can read it now. :-)

If you have no recieving, mayby the frontend is damaged.
Have you a manual?
on www.mods.dk is a manual to download with schematic.

Ok, je kan me ook rechtstreeks mailen in het hollands. ;-)
--
73 Jim
--
Jim PE1REA
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.--. . .---- .-. . .-

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Yahoo! Groups Links

107. Re: [FT-707] Marker tone Volume

Yahoo group: FT-707
Date: 2004-02-19 22:53:49 UTC
From: jim
Topic: 101 Message: 107

edresden@... wrote:
> Jim,
>
> Thanks for your answer.
>
> Yes, except that detail, the radio works great, receiving and transmitting
> (maybe some drift... but still have to check if untill it warms up), I have
> made great contacts with good RS reports...but again i have to check all
> the details.
>
> Jim, you can write me in nederlands, I can read and talk it, but my
> writting is not acceptable. I'm better in english, hi, hi.
>
> 73 de ED
>

Ok, but I don't want to written in dutch, because we are on a english
list at the moment. :-)
Thats what I sayd, if you want to mail me directly, I want to write in
dutch.
No hard feelings, if I see a solution, I will post it.
Btw, my dutch is better than english. :-))

--
73 Jim
--
Jim PE1REA
Email, plaats amsat punt org achter de call
www.backerhome.tk
Links onderin linkje naar foto's van shack
.--. . .---- .-. . .-

108. File - Promoting our group

Yahoo group: FT-707
Date: 2004-03-01 12:46:23 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 108

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

109. FT-707 Power output

Yahoo group: FT-707
Date: 2004-03-27 22:46:40 UTC
From: canicant
Topic: 109 Message: 109

Hello to the group, name is Rob and I have recently purchased the FT-707.

Being new to HF I am a bit confused as to whether I am set up correctly or not, the setup is a Carolina Windom 80 special @ 25' and an FC700 ATU.

I can tune the windom on all bands but the meter on the atu only shows 35watts output on SSB when I whistle into the mic, when I speak in a normal voice it averages about 12 watts.

I was expecting the meter to show 100watts, so does it look like my finals are giving up or is just operator error.

All the best and thanks in advance,
Rob.

110. Re: [FT-707] FT-707 Power output

Yahoo group: FT-707
Date: 2004-03-29 23:42:35 UTC
From: Richard
Topic: 109 Message: 110

Try and borrow another ATU.....yours may just be reading low.

Good Luck.

W2TMA
----- Original Message -----
From: canicant
To: FT-707@yahoogroups.com
Sent: Saturday, March 27, 2004 5:46 PM
Subject: [FT-707] FT-707 Power output

Hello to the group, name is Rob and I have recently purchased the FT-707.

Being new to HF I am a bit confused as to whether I am set up correctly or not, the setup is a Carolina Windom 80 special @ 25' and an FC700 ATU.

I can tune the windom on all bands but the meter on the atu only shows 35watts output on SSB when I whistle into the mic, when I speak in a normal voice it averages about 12 watts.

I was expecting the meter to show 100watts, so does it look like my finals are giving up or is just operator error.

All the best and thanks in advance,
Rob.

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b.. To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

111. Hi

Yahoo group: FT-707
Date: 2004-03-31 16:05:00 UTC
From: fazer5705
Topic: 111 Message: 111

I just thought i would say hello as a new member.

I have just aquired an FT707 and dedicated powerpack thingy. As i am only an M3 with quite limited finances (sob,sob) it looks a good buy and i hope to get it on Saturday.

Are there any things i should be careful of with it ? Does it have any nasty suprises i mean that i should watch out for ?

All the best

Neil (M3EXN)

112. Re: [FT-707] Hi

Yahoo group: FT-707
Date: 2004-03-31 17:36:35 UTC
From: edresden@cantv.net
Topic: 111 Message: 112

Neil,

Welcome to this group, as the equipment you bought is used, you will have to find out by yourself. Just set up a working antena, a wattmeter/swr, and a 25 Amp DC power supply and good luck!. This is a good tranceiver, enjoy it.

73 de Eduard

---------- Mensaje Original ----------

De: fazer5705 [neil9763@...]
Para: FT-707@yahoogroups.com [FT-707@yahoogroups.com]
Cc:
Asunto: [FT-707] Hi
Fecha: 31/03/2004 12:51:40
Mensaje:

I just thought i would say hello as a new member.

I have just aquired an FT707 and dedicated powerpack thingy. As i am only an M3 with quite limited finances (sob,sob) it looks a good buy and i hope to get it on Saturday.

Are there any things i should be careful of with it ? Does it have any nasty suprises i mean that i should watch out for ?

All the best

Neil (M3EXN)

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

113. File - Promoting our group

Yahoo group: FT-707
Date: 2004-04-01 13:39:51 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 113

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
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Don't be shy. Do it.
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You may modify this template in any way you so desire to meet your needs.

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- and more...

As an FT-707 owner, you are entitled to join this group.

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If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

114. Digital Modes

Yahoo group: FT-707
Date: 2004-04-03 07:18:30 UTC
From: fazer5705
Topic: 114 Message: 114

Hello again.

I am just enquiring, has anyone any experience using the FT707 for digital modes using a soundblaster ?

Any advice would be appreciated.

Neil

115. Re: [FT-707] Digital Modes

Yahoo group: FT-707
Date: 2004-04-03 14:17:50 UTC
From: David Corney
Topic: 114 Message: 115

Hi Neil,

I can't say that I have used my FT-707 with a Soundblaster. I used a PK-232, many years ago, for packet and an AMT-1 for AMTOR. I did have to modiify the Tx/Rx keying circuits to reduce the switch time. If my memory serves me correctly this involved fitting diodes across the relay coils to reduce the effect of back EMF.

You might try a search on Google and see if anyone has the mods on a web site somewhere.

David.
Austin, Texas
----- Original Message -----
From: fazer5705
To: FT-707@yahoogroups.com
Sent: Saturday, April 03, 2004 1:18 AM
Subject: [FT-707] Digital Modes

Hello again.

I am just enquiring, has anyone any experience using the FT707 for
digital modes using a soundblaster ?

Any advice would be appreciated.

Neil

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

b.. To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

116. Rigblaster

Yahoo group: FT-707
Date: 2004-04-05 21:57:13 UTC
From: fazer5705
Topic: 116 Message: 116

I'm afraid its me again.

In my last message i asked if anyone had used a soundblaster with the 707.

it should have read RIGBLASTER...duh.

I am interested in digital modes but not sure which way to go yet.

Thanks

Neil

117. power lead

Yahoo group: FT-707
Date: 2004-04-09 20:33:42 UTC
From: fazer5705
Topic: 117 Message: 117

Can anyone tell me where i can get a power lead for an ft707.

Thanks

Neil

118. Just found this group!

Yahoo group: FT-707
Date: 2004-04-17 18:45:19 UTC
From: Steve Ferrarini
Topic: 118 Message: 118

Greetings fellow FT707 owners!

I've had my FT707, plain, no acccessories but the HM-1 hand mike, for many years. Before that, like Scott, I used the HW101... still have it but it needs a LOT more repair work than my 707.

I've been running off a 12v lead acid battery and have been noticing a growing problem. On all bands accept 80 and 20 meters, when I crank the power up, above a certain power level the VFO starts to drift (or bounce around) wildly. On 10meters, as soon as there is any indication of output power, the VFO takes off. The VFO seems to hold steady at full power only on 80 and 20 meters, though I haven't really check on the WARC bands.

Aside from the normal problems with dirty switch contacts, this has been the most troublesome problem I've had recently. Several years ago, while trying to transmit RTTY for the first time, the finals blew out. I was living in Florida at the time, and sent the radio off to AES in Orlando. They estimated that it would cost $150 to repair, and had to send the PA back to Japan for repair. When they reassembled the radio and did a run-in/burn-in test, other components began to fail. After each repair, more thing broke. The initial estimate of 3 weeks turned into 3 months. Fortunately for me, they didn't charge any more than they estimated.

Apparently, the radio had been struck by lightning in the past, and the radio shop I bought it from (Eli's in Ft Lauderdale) patched it enough to work, then sold it to me for $250. I believe they are out of business now (serves them right!). Ethically, they should have told me of it's history... but that's another topic.

Since receiving it back from AES, it was working fine for a while (actually, haven't been very active until recently), but I notice that 10 meters had the bouncing VFO problem. I didn't have time to investigate, and I wound up with a good deal on a Radio Shack HTX10 on clearance. Today, as I was trying to work the IBM QSO Party, I began to see the VFO problem on other bands.

Ok, long story.... has anyone seen this problem? Anyone solved it? I have the user manual with the schematic, but haven't had the time to really pour over it, looking for potential failure modes.

Any hints are appreciated! One of my original guesses was RF getting into the power supply, shutting it down, hence the use of the battery.... but no joy.

BTW, I read all the previous posts. I am really excited to find this great support group. I'm all for an HF sched... especially when I get this VFO thing fixed!

Steve KJ4BX
Raleigh, NC

119. another NEWBY enters the group

Yahoo group: FT-707
Date: 2004-04-24 07:04:07 UTC
From: Greg W:-)
Topic: 119 Message: 119

Hiya guys ,,found this group by accident and man ,,ime prety glad :-)

ive just got a 707 ,,sort of bought it sight unseen ,,its a bit scrufy
to look at ,,but it seems complete.
I didnt get a good oportunity to test it out b4 i paid 4 it and it
seems that on 17, 20 , 30 the vfo wont lock.
The display shows rolling numbers ,,often way up to 90 then down to zero.
Has any of the teck heads in here got any ideas :-D

I know my way around a soldering iron and i can turn knobs on a cro
,,but i wouldnt mind sum input from u guys before i crack the lid off
and have a look see.

thanks dudes

gregW:-)

120. Re: another NEWBY enters the group

Yahoo group: FT-707
Date: 2004-04-24 15:04:21 UTC
From: Greg W:-)
Topic: 119 Message: 120

:-(..hey ,,i did pull off the lid and this piece of junk has been
majorly screwed with.
there are repairs to the wiring on the backs of plugs and it looks
like a cap on the IF ? board has exploded even scorching the paintwerk
on the insiode of a lid.
Its been replaced by a tantilum by the looks of it ,,but the black
marks are still all over the disc caps and the board.
Its even made the resistors around this cap unreadable.
I think there was a major short sumwhere.
theres several IF looking cans in the area and 4 look cooked to the max.

BUGGA !

gregW:-(

121. File - Promoting our group

Yahoo group: FT-707
Date: 2004-05-01 13:58:57 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 121

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

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Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

122. Join the group

Yahoo group: FT-707
Date: 2004-05-23 22:27:10 UTC
From: ARDILLIER Alain
Topic: 122 Message: 122

Thank's
73
Alain

123. File - Promoting our group

Yahoo group: FT-707
Date: 2004-06-01 15:05:42 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 123

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
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* * *

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If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

124. New member

Yahoo group: FT-707
Date: 2004-06-05 20:11:56 UTC
From: Rob Macfie
Topic: 56 Message: 124

Hi folks

Just found this forum by accident so I thought I would join up. Have got an audio problem on transmit, so I am going to trawl through previous messages to see if anything fits the bill. If not, I'll be back.

Rob.

125. Re: another NEWBY enters the group

Yahoo group: FT-707
Date: 2004-06-05 22:47:44 UTC
From: Rob Macfie
Topic: 119 Message: 125

Old tantalum capacitors do have a tendency to explode if they have not been "used" for a while as they can loose their polarisation. However, with regards to the display jumping all over the place, I had the same problem with mine. I just removed the top cover and pressed all the connectors I could see, some were quite loose. This fixed the problem on mine, with luck yours will be as simple.

Rob.

126. ALC adjustment

Yahoo group: FT-707
Date: 2004-06-15 07:46:39 UTC
From: Rob Macfie
Topic: 126 Message: 126

Does anyone know the procedure for setting up the ALC? I had to replace a transistor and would like to set it up as correctly as possible, as it seems to vary widely depending on the band in use. There is a test point on the IF board which is obviously used to set the bias, but what are the figures?

Rob.

127. Re: ALC adjustment

Yahoo group: FT-707
Date: 2004-06-15 19:01:42 UTC
From: Phil
Topic: 126 Message: 127

Hi Rob
You can download the service manual fom this link =
http://212.159.46.133/Manuals/Manuals/Yaesu/Service%20Manuals/

It is about 17mb

Hope that helps
73's
Phil

--- In FT-707@yahoogroups.com, "Rob Macfie" <macfie_r@y...> wrote:
> Does anyone know the procedure for setting up the ALC? I had to
> replace a transistor and would like to set it up as correctly as
> possible, as it seems to vary widely depending on the band in use.
> There is a test point on the IF board which is obviously used to
set
> the bias, but what are the figures?
>
> Rob.

128. Re: ALC adjustment

Yahoo group: FT-707
Date: 2004-06-16 07:45:19 UTC
From: Rob Macfie
Topic: 126 Message: 128

Phil

Many thanks for the link. However, it does not seem to work as my machine (at work) doesn't like the IP address. Is there a name for the site?

Rob.

129. Re: ALC adjustment

Yahoo group: FT-707
Date: 2004-06-16 19:23:26 UTC
From: Phil
Topic: 126 Message: 129

Hi Rob
The site seems to be down at the moment (19:20 UTC)
When it's back up you can get to it by clicking through -

http://www.radiosociety.org.uk/Resource/resource.html

Manual is in the service/yaesu section

73's

Phil

--- In FT-707@yahoogroups.com, "Rob Macfie" <macfie_r@y...> wrote:
> Phil
>
> Many thanks for the link. However, it does not seem to work as my
> machine (at work) doesn't like the IP address. Is there a name for
> the site?
>
> Rob.

130. New poll for FT-707

Yahoo group: FT-707
Date: 2004-06-25 17:06:38 UTC
From: FT-707@yahoogroups.com
Topic: 130 Message: 130

Enter your vote today! A new poll has been created for the
FT-707 group:

What do you guys think when it comes to
reading FT-707 and related equipment
FOR SALE listings on this group?
(The results of this poll are anonymous)

o It's nice to know what's out there for sale
o Spam. I'm not for it at all !
o Bof... don't really care. Whatever.
o Yes Okay but only private sales
o Yes Okay but only public auction sales

To vote, please visit the following web page:

http://groups.yahoo.com/group/FT-707/surveys?id=1471006

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

131. Love the 707

Yahoo group: FT-707
Date: 2004-06-29 10:19:05 UTC
From: mattybaus
Topic: 131 Message: 131

Hi

having been too busy (read lazy) to do morse, it has come as a great bonus to be able to go on to HF after over 15 years with an X call.

I wanted a nice, cheap, reliable, rugged HF set for my 4X4. Looking through all the boards I found that without question, the FT-707 got good reviews all the time. So I got one.... and its great... simple to use, good audio tx and rx, nice filters....OK so it isnt small and light, you can't take the front panel off and mount it on the dash... who cares.

Good to see there are some folk that appreciate a well built radio...

132. Re: [FT-707] Love the 707

Yahoo group: FT-707
Date: 2004-06-29 16:23:42 UTC
From: VE1HE
Topic: 131 Message: 132

Hi X call,

Welcome to the group. Yes. Here we all are 'purists' knowing how to appreciate the inherent beauty, reliability and construction of rigs well made!
The FT-707 is no exception to any of the rigs built in that era and is a good tribute to the Yaesu-Musen tradition of excellence.

Glad you are enjoying your radio.
Some guys wanted to organize a FT-707 Get Together HF net. I don't know when that will concretize but that would be fun to catch you mobile.

What did you say your call sign was?

Take care and enjoy,

Pete, VE1HE.
----- Original Message -----
From: "mattybaus" <mattybaus@...>
To: <FT-707@yahoogroups.com>
Sent: Tuesday, June 29, 2004 3:19 AM
Subject: [FT-707] Love the 707

> Hi
>
> having been too busy (read lazy) to do morse, it has come as a great
> bonus to be able to go on to HF after over 15 years with an X call.
>
> I wanted a nice, cheap, reliable, rugged HF set for my 4X4. Looking
> through all the boards I found that without question, the FT-707 got
> good reviews all the time. So I got one.... and its great... simple
> to use, good audio tx and rx, nice filters....OK so it isnt small
> and light, you can't take the front panel off and mount it on the
> dash... who cares.
>
> Good to see there are some folk that appreciate a well built radio...
>
>
>
>
> Yaesu-Musen Radios: Quality all around!
>
>
> Yahoo! Groups Links
>
>

>
>
>

133. File - Promoting our group

Yahoo group: FT-707
Date: 2004-07-01 15:16:00 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 133

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
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* * *

Dear fellow FT-707 owner & ham,

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- and more...

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If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

134. New poll

Yahoo group: FT-707
Date: 2004-07-08 19:09:34 UTC
From: VE1HE
Topic: 134 Message: 134

Hi guys,

There is a motion that we are called to vote upon in the POLL section.
It only will take you a second or two.

Click on POLLS on the left hand side pane or
http://groups.yahoo.com/group/FT-707/polls

This poll will conclude automatically on July 31st. It's about
whether you are for or against for sale items on this group.
Let your opinion known as the results of the poll will be determinent
to whether or not these kinds of postings will be released unto the
group or not.

By the way, I believe the group was set-up in such a way that anyone
may create a poll. So if you wish, go for it and ask the FT-707
owners their opinion.

Pete.

135. WTB: FP-707

Yahoo group: FT-707
Date: 2004-07-09 20:35:01 UTC
From: Clark Jillson
Topic: 135 Message: 135

Hi folks:

Looking for a Yaesu FP-707 power supply to match my FT-707 rig.
Please let me know if you happen to have one available to sell.
Thanks!

Clark
KB9SJD

136. Re: another NEWBY enters the group

Yahoo group: FT-707
Date: 2004-07-29 07:26:19 UTC
From: Allan Copland
Topic: 119 Message: 136

Hi Folks.

As another newbie just joined the group (and still waiting to take delivery of my new/old FT707!) I can offer the following.

If doing all the sensible things doesn't fix the problem, it could be that the frequency display chip (a special item) has gone U/S.

If so, all is not lost. Although these chips cant be bought now, there is a business in Japan that makes a PIC based replacement.

It can be found at www.qsl.net/oh8jep/ja2svz/

I'd try everything else first though. It could be that some detective work might fix this problem.

First thing to determine... does the radio work? If so, then debug the display problem.

Kind Regards.

Al.
GM1SXX

137. Poll results for FT-707

Yahoo group: FT-707
Date: 2004-08-01 08:17:10 UTC
From: FT-707@yahoogroups.com
Topic: 137 Message: 137

The following FT-707 poll is now closed. Here are the
final results:

POLL QUESTION: What do you guys think when it comes to
reading FT-707 and related equipment
FOR SALE listings on this group?
(The results of this poll are anonymous)

CHOICES AND RESULTS
- It's nice to know what's out there for sale, 4 votes, 33.33%
- Spam. I'm not for it at all !, 5 votes, 41.67%
- Bof... don't really care. Whatever., 0 votes, 0.00%
- Yes Okay but only private sales, 2 votes, 16.67%
- Yes Okay but only public auction sales, 1 votes, 8.33%

For more information about this group, please visit
http://groups.yahoo.com/group/FT-707

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

138. File - Promoting our group

Yahoo group: FT-707
Date: 2004-08-01 19:13:33 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 138

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
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- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

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They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
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* * *

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

139. Fist mic

Yahoo group: FT-707
Date: 2004-08-03 10:46:48 UTC
From: Rob Macfie
Topic: 139 Message: 139

Can anyone recommend a good fist mic for the FT-707? The SMC I have is very scratchy and reports indicate that it is not nice to listen to as well as being a touch distorted.

Rob
G4FAX

140. FT-707

Yahoo group: FT-707
Date: 2004-08-03 13:59:20 UTC
From: Allan Copland
Topic: 140 Message: 140

Hi,

My FT-707 arrived today... bought from EBay. I opened it up for a look and have discovered that somebody naughty has been in there before me.

There are a couple of wires cut and taped and a loose (taped) co-axial cable that goes nowhere! I also found a loose (taped) red wire near the PA section. The PA cooling fan was also disconnected! I have no idea as yet where it connects to except that the schematic I found on the WWW suggests it is fed from a transistor in or near the PA unit.

I'll have to try to sort out these things before I apply power to it.

It had the usual scraping tuning knob problem, now fixed. The cabinet is tatty but easy to renovate.

The previous owner used it on receive only... maybe why the fan was disconnected. It has a known fault on the 40M band. Will also look at that later.

Internally, it looks clean apart from the cut wires and co-ax.

Wish me luck... I may need it!

73 de Al.
GM1SXX

141. Re: FT-707

Yahoo group: FT-707
Date: 2004-08-04 08:00:11 UTC
From: Rob Macfie
Topic: 140 Message: 141

Al

If you get really stuck, try giving A&AS Electronics a call (number in Radcom). They gave my 707 a complete overhaul for a very reasonable price. Failing that, I have a copy of the service manual which has a few more diagrams and words than the operators manual.

Rob
G4FAX

142. Re: FT-707 PA and LPF.. how to disassemble please.

Yahoo group: FT-707
Date: 2004-08-04 07:35:10 UTC
From: Allan Copland
Topic: 140 Message: 142

Hi Folks.

You may remember that I said..
> My FT-707 arrived today... bought from EBay. I opened it up for a
> look and have discovered that somebody naughty has been in there
> before me.

I took the radio home and after a few checks, connected it to an SLA battery as a power source.

First the good news. The receiver works. In fact it is a very good receiver, easily picking up an SSTV transmission on 20M with a metre or wire poked into the antenna socket. I checked the SSTV transmission on my Racal RA1772 receiver with a real aerial and it was not very strong, so I'm pretty impressed with the receiver.

Now the bad news. The transmit strip has been comprehensively mangled. The lowpass filter unit and PA have effectively been disabled by someone cutting a number of wires.

All is not lost however. The TX strip works as far as the transverter socket. I measured a respectable amount of drive to the transverter socket on the correct frequency for each band.

The PA unit and LPF unit are of course of modular construction.

What I dont know how to do yet is how to remove both units from the metal 'cage' they are in without damaging or disturbing the wiring that goes to the rear apron sockets since these are mounted on the same sheet metal assembly as the PA and LPF.

If anyone in the group knows how to safely remove the FT-707 PA and LPF, I'd be very glad indeed to hear from them.

Although badly hacked about, I really like this little radio. It's trying hard to stay alive!

The receiver is excellent, I've fixed the scraping dial problem and I'd really like to sort out the LPF and PA.

Kind Regards,

Allan Copland.

143. Re: FT-707 PA and LPF.. how to disassemble please.

Yahoo group: FT-707
Date: 2004-08-04 15:32:03 UTC
From: Rob Macfie
Topic: 140 Message: 143

I think the service manual has details on how to gut. I will have a look tonight and if they are there, I can scan and send you the relevant pages.

Rob
G4FAX

p.s. What microphone do you have with it?

144. Re: FT-707 PA and LPF.. how to disassemble please.

Yahoo group: FT-707
Date: 2004-08-05 07:34:23 UTC
From: Allan Copland
Topic: 140 Message: 144

Hi Rob,

It would be very useful indeed if you could do that for me.

The FT707 has several connectors on the rear apron that are attached to the metal subframe that supports the PA heatsink etc. I dont want to damage the wiring to those while trying to get at the LPF and PA.

I'm sure this radio can be restored. As I mentioned earlier, the RX is superb and the TX works as far as the transverter socket. Thats most of the radio!

The PA is a simple broadband push-pull type and if the LPF is salvageable, I should be able to restore this radio to its former glory.

As to microphone, I bought only the bare radio though I have some other Yaesu MIC's that I can rewire to suits the 707.

Kind Regards,

Al.
GM1SXX

--- In FT-707@yahoogroups.com, "Rob Macfie" <macfie_r@y...> wrote:
> I think the service manual has details on how to gut. I will have a
> look tonight and if they are there, I can scan and send you the
> relevant pages.
>
> p.s. What microphone do you have with it?

145. Re: [FT-707] Fist mic

Yahoo group: FT-707
Date: 2004-08-11 21:24:55 UTC
From: VE1HE
Topic: 139 Message: 145

Sorry but my FT-707 doesn't seem to want to transmit on SSB. I have the original hand mic and the desktop mic but the power is so low on transmit on SSB that no one would be able to hear me.

We'll have to work on that problem before we can give you an audio report.

Pete.
----- Original Message -----
From: "Rob Macfie" <macfie_r@...>
To: <FT-707@yahoogroups.com>
Sent: Tuesday, August 03, 2004 3:46 AM
Subject: [FT-707] Fist mic

> Can anyone recommend a good fist mic for the FT-707? The SMC I have
> is very scratchy and reports indicate that it is not nice to listen
> to as well as being a touch distorted.
>
> Rob
> G4FAX
>
>
>
>
> Yaesu-Musen Radios: Quality all around!
>
>
> Yahoo! Groups Links
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>
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>

146. Re: Fist mic

Yahoo group: FT-707
Date: 2004-08-13 08:20:34 UTC
From: Rob Macfie
Topic: 139 Message: 146

Thanks Pete

Sorry to hear about the problems, hope you get them sorted. I don't know what the original mic is, as I say, mine came (from Ebay) with an SMC fist mic which is less than good. I have an old studio mic, but as I want to use the rig portable, I don't fancy sitting in public looking like some drunken fool at a karaoke party making like Elvis! If I can get an original fist mic I would be happy but I don't know what it is.

Rob.

147. That old FT-707

Yahoo group: FT-707
Date: 2004-08-16 14:57:42 UTC
From: Allan Copland
Topic: 147 Message: 147

Hi,

Thanks to lots of help from Rob McFie, I managed to disassemble the PA section of my 'EBay special' FT-707.

The PA had been removed from circuit... with good reason. It had been comprehensively 'gotten at' by a previous owner.

Since the receiver works well and the TX strip works as far as the transverter socket, I've ordered some components with which to build a completely new PA stage for it. I'm using Harry (SM0VPO)'s 10W design from his web pages. This is a three transistor PA using cheap plastic PA transistors (2sc2074 from memory) to deliver 10W of linear output. The bias is derived from another TIP series NPN power transistor and the complete PA will cost about £10. I'll reuse some of the transformer bobbins and the thermistor from the original PA unit in this new amplifier. I'll also use the original heatsink and fan unit so it looks original. The 100W rated output transformer from the original PA will serve as a BALUN in my new DIY HF tuner unit, so very little will be wasted.
This nice old transceiver is slowly coming back to life.

Kind Regards,
Al.
GM1SXX

148. class D audio power amplifier Report

Yahoo group: FT-707
Date: 2004-08-20 19:23:14 UTC
From: chico
Topic: 148 Message: 148

I have uploaded a paper I have written about class D audio power amplifiers. Please feel free to take a look. Any comments or suggestions would be greatly appreciated.
http://www.geocities.com/chl_11/classD_Report.pdf

149. class D audio power amplifier Report

Yahoo group: FT-707
Date: 2004-08-20 22:15:41 UTC
From: chico
Topic: 148 Message: 149

I have uploaded a report I have written concerning class D audio power amplifiers. Please feel free to take a look and e-mail me for any comments.

There seems to be some problems with the link. Instead please use one of these:

http://www.geocities.com/chl_11

The file is also available here:

http://groups.yahoo.com/group/class_D/

150. File - Promoting our group

Yahoo group: FT-707
Date: 2004-09-01 17:01:35 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 150

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

151. fan problem???

Yahoo group: FT-707
Date: 2004-09-03 22:10:44 UTC
From: la0hv
Topic: 151 Message: 151

Hi,
Dose anyone know when and if or how the Fan should run in the ft-707, it newer runs in mine, it gets very hot and display fails.
Any ideas how to get the Fan running again???

73 Peter, LA0HV

152. A newby joins the Group

Yahoo group: FT-707
Date: 2004-09-02 09:55:41 UTC
From: Emilio Iranzo
Topic: 152 Message: 152

Hi guys:

I´m Emilio, from Valencia (Spain) and I´m a new member of this group. I Have an old but in excellent condition FT-707, It´s really like new, I bought it to another ham. He was the first owner, but never opened it. I made only tree mods: First: I´ve put a small relay (like the originals) to swicht a power amplifier, but I sold the amplifier, and now I don´t use it. Second: I changed the CB crystals for the originals 10 meters full coverage. (CB was implemeted at date of purchase by seller) and Third: I´ve put the optional original CW 500 Hz. filter.

I have FV-707 (Ext. VFO) and FC-707 (Ant coupler) too, but not the FP-707 :-(...maybe in a future...

I´m very happy with reports to my "little monster" and at this moment it´s my main rig at my station. I have another rigs, including a FT-817 for travelling, but in HF bands it´s the main rig.

The rig has a minor fault, a little frecuency drift: in ramdom frecuency i.e. 7.040.0 audio sounds better in 7.040.1, I think it´s a counter disalligement, because TX and RX are corectly centered. I´ll fix next time

I´m looking for an "electronic copy" of the service manual, not operating manual. If anyone knwos a website to get it, Please tell me.

I´m here to help if you need anything... If I can of course!...

That´s all folks, 73

[Non-text portions of this message have been removed]

153. Fan not running - plz help

Yahoo group: FT-707
Date: 2004-09-03 18:18:26 UTC
From: la0hv
Topic: 153 Message: 153

The fan is not running in my ft-707.
The gear gets really hot and display drift to an unusable stage.

Anyone know how to get the fan running again???

73 Peter/LA0HV

154. Re: Fan not running - plz help

Yahoo group: FT-707
Date: 2004-09-05 12:32:27 UTC
From: Rob Macfie
Topic: 153 Message: 154

This should be fairly easy to fix. The fan is controlled by a thermistor TH01 type 32D27, whatever that means, and is located on the PA unit. The control circuitry is located on the LPF board and as well as switching the fan on and off via a comparator, it also provides an ALC signal.

Diconnect the fan and connect 12 volts across it to make sure it runs. Other than that it is easier if you have the circuit diagram. You can look for Q01, an AN6552, which is the comparator and the output of this is on pin 2. This output is the connected to Q02 which drives Q03 which is connected to the fan.

If you want circuit diagrams, drop me an e-mail and I will mail the relevant ones to you.

Rob
G4FAX

155. SV: [FT-707] Re: Fan not running - plz help

Yahoo group: FT-707
Date: 2004-09-05 20:56:28 UTC
From: Peter Grun
Topic: 153 Message: 155

Thanks Rob,
I found it - everything seem to be okay (levels and all).
Maybe the thermistor doesn't work(?) how do I test that?
I have installed a 220 Ohm resistor parallel with the capacitor closest to the fan, the fan spins and a nicely breeze shrivels around silently now.
But I still don't know if the thermistor can activate the circuit.

73 Peter

-----Opprinnelig melding-----
Fra: Rob Macfie [mailto:macfie_r@...]
Sendt: 5. september 2004 14:32
Til: FT-707@yahoogroups.com
Emne: [FT-707] Re: Fan not running - plz help

This should be fairly easy to fix. The fan is controlled by a thermistor TH01 type 32D27, whatever that means, and is located on the PA unit. The control circuitry is located on the LPF board and as well as switching the fan on and off via a comparator, it also provides an ALC signal.

Diconnect the fan and connect 12 volts across it to make sure it runs. Other than that it is easier if you have the circuit diagram. You can look for Q01, an AN6552, which is the comparator and the output of this is on pin 2. This output is the connected to Q02 which drives Q03 which is connected to the fan.

If you want circuit diagrams, drop me an e-mail and I will mail the relevant ones to you.

Rob
G4FAX

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<http://us.ard.yahoo.com/SIG=129uivnil/M=296572.5305651.6444487.3001176/D=groups/S=1705063108:HM/EXP=1094486454/A=2343726/R=1/SIG=12infqhj4/*http:/clk.atdmt.com/VON/go/yhxxxvon01900091von/direct/01/&time=1094400054523629>

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U.S./Canada
<http://us.ard.yahoo.com/SIG=129uivnil/M=296572.5305651.6444487.3001176/D=groups/S=1705063108:HM/EXP=1094486454/A=2343726/R=1/SIG=12infqhj4/*http:/clk.atdmt.com/VON/go/yhxxxvon01900091von/direct/01/&time=1094400054523629>

<http://view.atdmt.com/VON/view/yhxxxvon01900091von/direct/01/&time=1094400054523629>

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[Non-text portions of this message have been removed]

156. SV: [FT-707] Re: Fan not running - plz help

Yahoo group: FT-707
Date: 2004-09-06 09:05:08 UTC
From: Rob Macfie
Topic: 153 Message: 156

Peter.

The manual says the thermistor switches on the fan when the temperature rises to an "unaceptable figure", which is not very helpful! So we need to make some guesses unles you can find the specification for a 32D27 thermistor. There are a number of ways round this:

1) Wire the fan so that it comes on when you transmit. If the fan is quiet this should be no problem.

or

2)Disconnect the thermistor from J01 on the HPF unit (pull the plug off). Connect in its place a, say, 47K linear pot. Switch to transmit and adjust the pot until the fan starts to operate. Looking at the circuit, I would say the termistor is a positive temperature coefficient device (PTC) so the resistance rises as the temperature rises so start with the pot at minimum resistance. When the fan comes on, measure the resistance of the pot.

Next, choose a maximum operating temperature for the transistors, say 70degC for instance, and find a PTC thermistor that gives about that resistance at that temperature. Replace the thermistor. The thermistor is located on top of Q4204.

I have not done the sums, but at a guess, after looking at the circuit, I would say that the fan switches on when the resistance is about 1K.

Hope this helps.
73 Rob

157. Help with rebuilding FT-707

Yahoo group: FT-707
Date: 2004-09-06 09:25:44 UTC
From: g7jiq-m@ntlworld.com
Topic: 157 Message: 157

Hi all

I am in the process of rebuilding a FT-707 from a very sad looking pile of scrap that has been well got at and butchered.

At the moment (after several long months) I have managed to get this old beast up and running.
I am missing a cupple of the low band crystals, some of the knobs and the real pain to get,
The frequency/display driver i/c.

If anyone has any suggestions where i can get hold of any of these,

As I am look forward to getting it on the air as from what i hear this is a great radio.

Many thanks for any help or info
Dave...

[Non-text portions of this message have been removed]

158. Re: [FT-707] Help with rebuilding FT-707

Yahoo group: FT-707
Date: 2004-09-06 09:45:48 UTC
From: jim
Topic: 157 Message: 158

g7jiq-m@... schreef:

> Hi all

Hi too.

> I am in the process of rebuilding a FT-707 from a very sad looking pile of
> scrap that has been well got at and butchered.
>
> At the moment (after several long months) I have managed to get this old
> beast up and running.
>
> I am missing a cupple of the low band crystals, some of the knobs and the
> real pain to get,
>
> The frequency/display driver i/c.
>
> If anyone has any suggestions where i can get hold of any of these,
>
> As I am look forward to getting it on the air as from what i hear this is a
> great radio.
>
> Many thanks for any help or info
>
> Dave...

Only for the crystals, you can buy them by a good shop.
In Holland there is Klove.
The people make's the crystals you want on your specification for a 10
euro a crystal.
If you want, I can ask the people if the sell outside Holland, or buy
them for you and post them.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, plaats amsat punt org achter de call
Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

159. dead ft 707

Yahoo group: FT-707
Date: 2004-09-06 14:10:16 UTC
From: aussie_marty2003
Topic: 159 Message: 159

hi all
i have a 707 that has been cross wired by my children.
all i know is something went bang and smoke came out from the covers.

i have been using this radio for years as a reciever and love it dearly.

what are your thoughts is it repairable, as my knowledge of electronics is very limited
I will have to pay someone to repair it and not looking forward to the costs.

I saw one go on ebay for just over 200 Australian dollars last week thinking it might
be cheaper to buy another one instead of fixing this one.

I might open it up and see what i can see and will update u to what i find.

maybe you guys can teach me enough to have a go my self as I think it is time I study
and get a liscence.

cheers
Marty

160. SV: [FT-707] Re: Fan not running - plz help

Yahoo group: FT-707
Date: 2004-09-06 15:40:35 UTC
From: Peter Grun
Topic: 153 Message: 160

Thanks Rob,

You guessed right!
At 850 Ohm the fan starts. Thanks Rob !!!

Best 73 Peter / LA0HV

-----Opprinnelig melding-----
Fra: Rob Macfie [mailto:macfie_r@...]
Sendt: 6. september 2004 11:05
Til: FT-707@yahoogroups.com
Emne: SV: [FT-707] Re: Fan not running - plz help

Peter.

The manual says the thermistor switches on the fan when the temperature rises to an "unaceptable figure", which is not very helpful! So we need to make some guesses unles you can find the specification for a 32D27 thermistor. There are a number of ways round this:

1) Wire the fan so that it comes on when you transmit. If the fan is quiet this should be no problem.

or

2)Disconnect the thermistor from J01 on the HPF unit (pull the plug off). Connect in its place a, say, 47K linear pot. Switch to transmit and adjust the pot until the fan starts to operate. Looking at the circuit, I would say the termistor is a positive temperature coefficient device (PTC) so the resistance rises as the temperature rises so start with the pot at minimum resistance. When the fan comes on, measure the resistance of the pot.

Next, choose a maximum operating temperature for the transistors, say 70degC for instance, and find a PTC thermistor that gives about that resistance at that temperature. Replace the thermistor. The thermistor is located on top of Q4204.

I have not done the sums, but at a guess, after looking at the circuit, I would say that the fan switches on when the resistance is about 1K.

Hope this helps.
73 Rob

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<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=groups/S=:HM/A=2128215/rand=398071418>

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[Non-text portions of this message have been removed]

161. SV: [FT-707] Re: Fan not running - plz help

Yahoo group: FT-707
Date: 2004-09-06 17:26:45 UTC
From: Rob Macfie
Topic: 153 Message: 161

Great, that shows the comparator and ALC circuits are working. So next step is to suspect the thermistor. The voltages in the manual and my calculator would more or less agree with your figure of 850 ohms and you should now find if you increase the resistance, the fan will switch off, my guess is in the area of 2Kohms. If this is the case, you want to find a thermistor with a resistance of about 820ohms at your chosen transistor case temperature.

If anyone else out there disagrees with this, please speak up. It has been a while since I got my brain around these things!! Does anyone have an idea what a good operating temperature is for the 2SC2290?

Rob.

162. Re: Help with rebuilding FT-707

Yahoo group: FT-707
Date: 2004-09-07 08:38:00 UTC
From: Allan Copland
Topic: 157 Message: 162

--- In FT-707@yahoogroups.com, "g7jiq-m@n..." <g7jiq-m@n...> wrote:

> The frequency/display driver i/c.
>
> If anyone has any suggestions where i can get hold of any of these,
>

Hi Dave.

The display chips are about as common as hen's teeth. However, there may be a suitable PIC based alternative.

Have a look at http://www.qsl.net/oh8jep/ja2svz/
This is a drop in replacement based on the Arizona Microchip PIC microcontroller.

It could be the answer to your problems.

Kind Regards,
Al.
GM1SXX

163. Re: Help with rebuilding FT-707

Yahoo group: FT-707
Date: 2004-09-07 08:43:13 UTC
From: Allan Copland
Topic: 157 Message: 163

Re your message

> I am missing a cupple of the low band crystals, some of the knobs
and the
> real pain to get,

You can buy made to order xtals in the UK from Quartslab who are
based in Erith, Kent. A websearch will find them. They are reliable
and I've used them for many years. You will need to specify the
frequency and load capacitance and can type. The radio model number
will also help them.

Best of luck with your project.
I'm doing the same sort of thing but mine has a fried PA. I have the
remainder of the radio working well and am building a completely new
PA for it. The 707 is a nice old radio.

Regards,
Al.
GM1SXX

164. Re: [FT-707] Re: Help with rebuilding FT-707

Yahoo group: FT-707
Date: 2004-09-08 08:50:45 UTC
From: g7jiq-m@ntlworld.com
Topic: 157 Message: 164

Hi allan

Thanks for your reply,
I will look into that,

I wish you all the luck with your pa rebuild.

All the best
Dave....

-------Original Message-------

From: FT-707@yahoogroups.com
Date: 09/07/04 11:52:54
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: Help with rebuilding FT-707

Re your message

> I am missing a cupple of the low band crystals, some of the knobs
and the
> real pain to get,

You can buy made to order xtals in the UK from Quartslab who are
based in Erith, Kent. A websearch will find them. They are reliable
and I've used them for many years. You will need to specify the
frequency and load capacitance and can type. The radio model number
will also help them.

Best of luck with your project.
I'm doing the same sort of thing but mine has a fried PA. I have the
remainder of the radio working well and am building a completely new
PA for it. The 707 is a nice old radio.

Regards,
Al.
GM1SXX

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[Non-text portions of this message have been removed]

165. Looking for replacement mode switch

Yahoo group: FT-707
Date: 2004-09-10 07:20:33 UTC
From: Nick
Topic: 165 Message: 165

Hi group.....this is my first post to this group although I`ve been reading it for quite a while. I recently acquired an FT-707 which has a broken mode switch....the threaded shaft is broken in two where it fixes through the front panel. If anyone has one or can point me in the direction of a likely source I would be delighted. It`s good to see a newsgroup dedicated to the preservation of this fine Yaesu radio and hopefully I`ll be able to contribute more in the future.

best wishes

Nick G4UKO

166. Xtals for your FT-707

Yahoo group: FT-707
Date: 2004-09-10 07:45:17 UTC
From: Allan Copland
Topic: 166 Message: 166

Hi,

For anyone needing crystals for their FT-707 or any other equipment, Quartslab based in Erith, Kent are a UK crystal manufacturer who will make any frequency you want.

Their Web URL is www.quartslab.demon.co.uk/ordering_info.htm

I have used them on quite a few occasions to supply crystals for various projects.

Normal deliveries can take 2-3 weeks but they also operate a 'rush job' type service.

The accuracy of any crystals I've bought in the past has always been excellent.

Regards,

Al.
GM1SXX

167. Intermittant Receive

Yahoo group: FT-707
Date: 2004-09-25 15:05:48 UTC
From: Rich W
Topic: 167 Message: 167

Hi Group,
My Ft-707 is now exhibiting a common Ft-707 problem. Sometimes when
The rig returns to receive I get no sound. If I key and unkey
several time, the radio returns to normal operation. Has anyone
found the cause and a fix for this problem. If so please let me know.
Thanks ... Rich WA2GTW

168. Re: [FT-707] Intermittant Receive

Yahoo group: FT-707
Date: 2004-09-25 17:02:47 UTC
From: VE1HE
Topic: 167 Message: 168

```
----- Original Message -----
From: "Rich W" <mistrmom@...>
To: <FT-707@yahoogroups.com>
Sent: Saturday, September 25, 2004 8:05 AM
Subject: [FT-707] Intermittant Receive

> Hi Group,
> My Ft-707 is now exhibiting a common Ft-707 problem. Sometimes when
> The rig returns to receive I get no sound. If I key and unkey
> several time, the radio returns to normal operation. Has anyone
> found the cause and a fix for this problem. If so please let me know.
> Thanks ... Rich WA2GTW
>
>
>
>
>
> Yaesu-Musen Radios: Quality all around!
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>
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169. Re: Intermittant Receive

Yahoo group: FT-707
Date: 2004-09-25 19:34:56 UTC
From: Rob Macfie
Topic: 167 Message: 169

Without having looked circuit diagrams, it sounds very much to me like a relay with dirty or sticky contacts. the fact that it comes back after being keyed a few times would certainly make this my first area to investigate. I will have a look at the diagrams and see if there is a likely culprit.

Rob
G4FAX

170. Re: Intermittant Receive

Yahoo group: FT-707
Date: 2004-09-27 22:04:47 UTC
From: Rob Macfie
Topic: 167 Message: 170

Rich

Have at last remembered to dig out the circuits. If you are still having problems I would be tempted to check out relay 4601 on the AVR board. If you remove the top cover, with the front panel facing you the AVR board is in the top right hand corner. This relay controls the TX/RX power switching and may be faulty.

If you require drawings/circuit diagrams let me know and I can mail copies.

Rob
G4FAX

171. Re: [FT-707] Re: Intermittant Receive

Yahoo group: FT-707
Date: 2004-09-30 19:52:37 UTC
From: Rich
Topic: 167 Message: 171

Hi Rob,
Thanks for taking the time to write back. I do have the manual. I will pull it apart this weekend and I will let you know what I find...
73 Rich WA2GTW

Rob Macfie <macfie_r@...> wrote:
Rich

Have at last remembered to dig out the circuits. If you are still having problems I would be tempted to check out relay 4601 on the AVR board. If you remove the top cover, with the front panel facing you the AVR board is in the top right hand corner. This relay controls the TX/RX power switching and may be faulty.

If you require drawings/circuit diagrams let me know and I can mail copies.

Rob
G4FAX

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[Non-text portions of this message have been removed]

172. New at this group

Yahoo group: FT-707
Date: 2004-10-01 06:45:05 UTC
From: dl1avd
Topic: 172 Message: 172

Hallo,
My name is Klaus DL1AVD and I am especially interested in qrp-rigs and so I found the FT-707S. I am looking for such an rig and further infos and so I found this group and joined. When I am someday are a lucky owner of a FT-707s i hope to get most of necessary infos and answers of my questions. Until now I will read the daily post to become more familar with this nice rig.

73/72 de Klaus and have a nice weekend

173. File - Promoting our group

Yahoo group: FT-707
Date: 2004-10-01 17:49:38 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 173

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

174. ft 707 yeasu

Yahoo group: FT-707
Date: 2004-10-14 23:49:51 UTC
From: frehchy2000
Topic: 174 Message: 174

looking for the 11 mmeter modification for the yeasu ft 707

175. Re: [FT-707] ft 707 yeasu

Yahoo group: FT-707
Date: 2004-10-15 06:57:49 UTC
From: jim
Topic: 174 Message: 175

frehchy2000 schreef:

> looking for the 11 mmeter modification for the yeasu ft 707

You must chance the cristals in the 10 meter band.
But the 707 in the 11 meter band is illigal.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, plaats amsat punt org achter de call
Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

176. New to the Group

Yahoo group: FT-707
Date: 2004-10-22 19:03:59 UTC
From: Ji m
Topic: 176 Message: 176

Hello all,
Just got a FT-707 today, the vfo was so tight I
could hardly turn it, took off the outter knob, but it
back on not so close and now it tunes almost to easy,
seems to tune very fast. I've not opened it up yet,
but when I turn to CW-N I get narrow bandwidth, so
does that mean for sure I have a cw filter?
Also it didn't come with a power cord, using the one
off my ft-747 for now, but would like to get one,
anyone know where I can get one?

Thanks,

Jim KU4QW

Join us at
http://groups.yahoo.com/group/yaesu_musen

_____
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

177. Sticking relay on my rig

Yahoo group: FT-707
Date: 2004-10-26 17:53:30 UTC
From: tg9adm
Topic: 177 Message: 177

Hi to all, I'm new on this group and it's glad to know that there are many Yaesu FT-707 entusiasthics.

I have a FT-707 which sticks the TX/RX relay after some 3 or 4 QSO's, so will appreciate if any of you can help me to know if there is any "cure", if it's OK to clean the relay (after locating it) or if the problem is caused by SWR. Hope to contact you all soon, 73,

Dante Marinelli
TG9ADM

178. AVR PCB removel

Yahoo group: FT-707
Date: 2004-10-26 19:50:56 UTC
From: Rich W
Topic: 178 Message: 178

I need to remove the AVR PCB to clean the relay.. Does anyone have the removel proceedure for this job?? Thanks... Rich WA2GTW

179. Re: Sticking relay on my rig

Yahoo group: FT-707
Date: 2004-10-26 19:54:08 UTC
From: Rich W
Topic: 177 Message: 179

Hi You need to clean the relay contacts on the AVR PCB, My post is asking if anyone has the removel proceedure for this... stay tuned!!! Rich WA2GTW

--- In FT-707@yahoogroups.com, "tg9adm" <tg9adm@y...> wrote:
>
>
> Hi to all, I'm new on this group and it's glad to know that there
> are many Yaesu FT-707 entusiasthics.
>
> I have a FT-707 which sticks the TX/RX relay after some 3 or 4
> QSO's, so will appreciate if any of you can help me to know if
there
> is any "cure", if it's OK to clean the relay (after locating it)
or
> if the problem is caused by SWR. Hope to contact you all soon, 73,
>
> Dante Marinelli
> TG9ADM

180. File - Promoting our group

Yahoo group: FT-707
Date: 2004-11-01 23:03:44 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 180

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

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- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

181. Re: New to the Group

Yahoo group: FT-707
Date: 2004-11-07 01:43:22 UTC
From: ku4qw
Topic: 176 Message: 181

Well got pwr cord. Anyway to tell if 500hz cw filter is installed
with out opening the rig?

Thanks,

Jim KU4QW

Join us at

http://groups.yahoo.com/group/yaesu_musen

--- In FT-707@yahoogroups.com, Ji m <ku4qw@y...> wrote:
>
> Hello all,
> Just got a FT-707 today, the vfo was so tight I
> could hardly turn it, took off the outter knob, but it
> back on not so close and now it tunes almost to easy,
> seems to tune very fast. I've not opened it up yet,
> but when I turn to CW-N I get narrow bandwidth, so
> does that mean for sure I have a cw filter?
> Also it didn't come with a power cord, using the one
> off my ft-747 for now, but would like to get one,
> anyone know where I can get one?
>
> Thanks,
>
> Jim KU4QW
>
> Join us at
> http://groups.yahoo.com/group/yaesu_musen
>
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - Helps protect you from nasty viruses.
> http://promotions.yahoo.com/new_mail

182. FT 707 WARC Band

Yahoo group: FT-707
Date: 2004-11-10 05:28:46 UTC
From: itji
Topic: 182 Message: 182

Hi All,
I am new in this group, I recently got my FT 707 with FTV 707
included and very pleased.
The rig works fine in all Amateur Bands, but not for WARC band, its
only in RX mod, Is there's any information of mods on this ? so I can
TX on WARC with my FT 707 ??

thx, 73
Yudhistira, D

183. Re: [FT-707] FT 707 WARC Band

Yahoo group: FT-707
Date: 2004-11-10 08:53:58 UTC
From: jim
Topic: 182 Message: 183

itji schreef:

> Hi All,
> I am new in this group, I recently got my FT 707 with FTV 707
> included and very pleased.

Be welkom.

> The rig works fine in all Amateur Bands, but not for WARC band, its
> only in RX mod, Is there's any information of mods on this ? so I can
> TX on WARC with my FT 707 ??

Mayby the rig don't lock on tx.
Mine has the same on 30 meter.

Normaly it must work.
The rig works with cristals, so any mod to chance ferquenty has to
chance cristals.

> thx, 73
> Yudhistira, D

73 Jim

ps, this is a moderated group to prefent the group from pornspam ed.
So there is a delay between posting and sending.
I hope you accept this.

184. Re: [FT-707] FT 707 WARC Band resolve

Yahoo group: FT-707
Date: 2004-11-11 04:14:49 UTC
From: D. Yudistira
Topic: 182 Message: 184

okay I got my FT707 Schematic now and I wondering all night last night, the problem is that finally I realised that there was 2 model of FT 707 one With 2 RFC for BPF and the other Only 1, mine is 2 RFC Model.

I trace RF Board and find out that D 45,46, 47 but be cut to enable the WARC band TX.

And I am On the Air now.

Looking forward to meet you all On the air

73

jim <pe1rea@...> wrote:

itji schreef:

> Hi All,
> I am new in this group, I recently got my FT 707 with FTV 707
> included and very pleased.

Be welkom.

> The rig works fine in all Amateur Bands, but not for WARC band, its
> only in RX mod, Is there's any information of mods on this ? so I can
> TX on WARC with my FT 707 ??

Mayby the rig don't lock on tx.
Mine has the same on 30 meter.

Normaly it must work.
The rig works with cristals, so any mod to chance ferquenty has to
chance cristals.

> thx, 73
> Yudhistira, D

73 Jim

ps, this is a moderated group to prefent the group from pornspam ed.
So there is a delay between posting and sending.
I hope you accept this.

Yaesu-Musen Radios: Quality all around!

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To visit your group on the web, go to:
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FT-707-unsubscribe@yahoogroups.com

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Do you Yahoo!?
Check out the new Yahoo! Front Page. www.yahoo.com

[Non-text portions of this message have been removed]

185. Re: FT 707 WARC Band resolve

Yahoo group: FT-707
Date: 2004-11-15 02:43:11 UTC
From: ku4qw
Topic: 182 Message: 185

Good work Jim, it's aways nice when you figure out a tough problem like that on your own.

73

Jim ku4qw

http://groups.yahoo.com/group/yaesu_musen

--- In FT-707@yahoogroups.com, "D. Yudistira" <itji@y...> wrote:
>
> okay I got my FT707 Schematic now and I wondering all night last night, the problem is that finally I realised that there was 2 model of FT 707 one With 2 RFC for BPF and the other Only 1, mine is 2 RFC Model.
>
> I trace RF Board and find out that D 45,46, 47 but be cut to enable the WARC band TX.
>
> And I am On the Air now.
>
> Looking forward to meet you all On the air
>
> 73
>
>
> jim <pe1rea@m...> wrote:
>
> itji schreef:
>
> > Hi All,
> > I am new in this group, I recently got my FT 707 with FTV 707
> > included and very pleased.
>
> Be welkom.
>
> > The rig works fine in all Amateur Bands, but not for WARC band, its
> > only in RX mod, Is there's any information of mods on this ? so I can
> > TX on WARC with my FT 707 ??
>
> Mayby the rig don't lock on tx.
> Mine has the same on 30 meter.
>
> Normaly it must work.
> The rig works with cristals, so any mod to chance ferquenty has to
> chance cristals.

>
> > thx, 73
> > Yudhistira, D
>
> 73 Jim
>
> ps, this is a moderated group to prefent the group from pornspam ed.
> So there is a delay between posting and sending.
> I hope you accept this.
>
>
>
>
>
> Yaesu-Musen Radios: Quality all around!
>
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>
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>
> ---
> Yahoo! Groups Links
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> http://groups.yahoo.com/group/FT-707/
>
> To unsubscribe from this group, send an email to:
> FT-707-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> ---
> Do you Yahoo!?
> Check out the new Yahoo! Front Page. www.yahoo.com
>
> [Non-text portions of this message have been removed]

186. This is TG9ADM again (sticking relay)

Yahoo group: FT-707
Date: 2004-11-19 19:20:10 UTC
From: tg9dante
Topic: 186 Message: 186

Hellow, I'm TG9ADM writing again since I forgot my password. I was trying to take out the AVR board so I can find the sticky relay. It was REALLY difficult to reach, I haven't the owner's manual here so I can tell you what boards I removed. First I unplugged a board, unscrewed a metal shield, unscrewed the base of the AVR unit and then found the two "thieve relays". I made on-air tests in order to establish if those relays were the source of the problem and they were indeed. I cleaned them with paper soaked in rubbing alcohol and men, they were full of oxides! will try tonight with some contact cleaner and will tell you. I saw the contacts keeping stiked, with a small movement of a screwdriver they returned to the normal position when back to RX.

If any of you will perform this fix, be sure to do it without any interruption, the same if you are trying to contact Andaman / VU4 on 160 meter band! Good luck and hope to hear your comments, 73,

Dante Marinelli
TG9ADM

187. Re: AM Bandwidth mod?

Yahoo group: FT-707
Date: 2004-11-25 21:13:54 UTC
From: Max
Topic: 67 Message: 187

--- In FT-707@yahoogroups.com, "VE1HE" <ve1he@a...> wrote:
> I'm glad you enjoy the group Clark,
>
> I'm not sure there's a way to change the receiver's bandwith. Maybe
> someone else can answer that question.

If the 707 is similar to the 107 setup, and I believe it is, the receiver uses the SSB filter for AM receive, unless you install an optional 6 kc AM filter. I find the AM receive bandwidth on my 107 very poor.

Max

188. Tx-less

Yahoo group: FT-707
Date: 2004-11-30 09:06:37 UTC
From: Rob Macfie
Topic: 188 Message: 188

Having spent a number of weekends building a new shack in the garage I thought I would fire up the 707 last night to see if all was ok. Guess what - receive perfect but no power out! Unfortunately this is not a sticky relay problem as this is operating perfectly, all the voltages are appearing in the right places. Looks like a strip down. Thing is, I can't imagine what has gone wrong as the set hasn't been used since it had a complete checkover earlier in the year.

It will at least give me something to do during the poor conditions in the evening I suppose.

Rob
G4FAX

189. File - Promoting our group

Yahoo group: FT-707
Date: 2004-12-01 20:10:09 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 189

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

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- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

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* * *

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- and more...

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

190. Re: [FT-707] Tx-less

Yahoo group: FT-707
Date: 2004-12-02 01:36:04 UTC
From: D. Yudistira
Topic: 188 Message: 190

HI Rob,
I got same problem with you when I try to used mine.
first check 12v supplies to PA board if the voltage drop on TX just cut of the tantalum capacitor near by LM7808 or upc1408, try to check the output of 2sc1971 or 2sc1869 I check with VU meter on this to knowing is there's any signal out.

if it not work try to find A relay between rf Board and PA boardI recall i found this relay have a problem on the contact point several years ago.

hope this can help

73 de 91sd251

Rob Macfie <macfie_r@...> wrote:

Having spent a number of weekends building a new shack in the garage
I thought I would fire up the 707 last night to see if all was ok.
Guess what - receive perfect but no power out! Unfortunately this is
not a sticky relay problem as this is operating perfectly, all the
voltages are appearing in the right places. Looks like a strip down.
Thing is, I can't imagine what has gone wrong as the set hasn't been
used since it had a complete checkover earlier in the year.

It will at least give me something to do during the poor conditions
in the evening I suppose.

Rob
G4FAX

Yaesu-Musen Radios: Quality all around!

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Yahoo! Groups Links

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http://groups.yahoo.com/group/FT-707/

To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.

[Non-text portions of this message have been removed]

191. Re: Tx-less

Yahoo group: FT-707
Date: 2004-12-02 08:40:06 UTC
From: Rob Macfie
Topic: 188 Message: 191

Further to my previous posting, a strange thing happened last night. Before settling down to give the 707 a going over, I connected it up and keyed it just to check voltages again and lo and behold, it behaved perfectly - full power on all bands! Being the eternal optimist I put the covers back on thinking I would try it on air but when I had done that and keyed it again the Tx side had died again.

Anyone got any clues? I will have to strip it down and check the voltages etc on the PA board. The bias voltage is being switched by the AVR board but I don't know what happens from there.

Rob
G4FAX.

192. Re: Tx-less

Yahoo group: FT-707
Date: 2004-12-02 22:36:04 UTC
From: Rob Macfie
Topic: 188 Message: 192

--- In FT-707@yahoogroups.com, "D. Yudistira" <itji@y...> wrote:
>
> HI Rob,
> I got same problem with you when I try to used mine.
> first check 12v supplies to PA board if the voltage drop on TX just cut of the tantalum capacitor near by LM7808 or upc1408, try to check the output of 2sc1971 or 2sc1869 I check with VU meter on this to knowing is there's any signal out.
>
> if it not work try to find A relay between rf Board and PA boardI recall i found this relay have a problem on the contact point several years ago.
>
> hope this can help
>
> 73 de 91sd251
>

Many thanks for this it helps a lot, I wasn't aware of a relay between rf board and PA, not obvious on the circuit diagrams.

I am going to have to take it apart and find that relay as it is definitely sticking. I started again this evening and as soon as I had the covers off and the txcvr on its side it started to work again. Put everything back on and it still works. So, it either needs a strip down or more exercise, so I will give it some exercise first.

All the best
Rob
G4FAX

193. fault on my ft707

Yahoo group: FT-707
Date: 2004-12-08 18:36:28 UTC
From: george
Topic: 193 Message: 193

hi i am new to this group glad i found it ok i have a ft707 the fault is this when i hook up my 707 to the psu and turn the radio on the amp meter on the psu goes to 20amp and its not even in transmit have checked the psu and its ok as i use it on my ft990 works fine i have checked the mox and pushed the push to talk on the mic but its still the same stays at 20amp and the heat sink get damm hot hope you can help me

G1LMZ....CHEERS GEORGE

194. Re: fault on my ft707

Yahoo group: FT-707
Date: 2004-12-09 09:02:49 UTC
From: Rob Macfie
Topic: 193 Message: 194

George

It sounds as if the bias switching to the PA is stuck on. If you take the top cover off and look in the top right hand corner you will see a vertically mounted pcb. On the edge of this are various pins one of which is marked "TX 13.5v". This is the bias supply to the PA. Disconnect the wire and see if the current returns to normal. If it does, the chances are that you have the dreaded sticking relay on that board - easy to fix but a pig to get at!

Rob
G4FAX

195. Re: power lead

Yahoo group: FT-707
Date: 2004-12-10 08:23:01 UTC
From: george
Topic: 117 Message: 195

--- In FT-707@yahoogroups.com, "fazer5705" <neil9763@t...> wrote:
>
hi neil i was just reading the messages and i came across your
asking for a power lead as i need one to with the plug on did you
get any info on where to get them hope you can help me cheers neil

thanks goerge G1LMZ
>

Can anyone tell me where i can get a power lead for an ft707.
>
> Thanks
>
> Neil

196. fault on ft707

Yahoo group: FT-707
Date: 2004-12-11 10:16:53 UTC
From: george
Topic: 196 Message: 196

hi all thanks for all your help guys its was one of my 2sc2290 power trans went down so now i am looking for one or 2 to buy or any help in where to get them from thanks agn

G1LMZ CHEERS

197. Re: fault on my ft707

Yahoo group: FT-707
Date: 2004-12-11 10:12:39 UTC
From: george
Topic: 193 Message: 197

hi bob thanks a lot for your help i have found the fault its one of the 2sc2290 power trans did what you told me and it was spot om mate now i have to look for the 2sc2290 power trans do u have any ideas bob where to get them i will phone the guy you gave me his addy for cheers bob and thanks agn

--- In FT-707@yahoogroups.com, "Rob Macfie" <macfie_r@y...> wrote:
>
>
> George
>
> It sounds as if the bias switching to the PA is stuck on. If you take
> the top cover off and look in the top right hand corner you will see
> a vertically mounted pcb. On the edge of this are various pins one of
> which is marked "TX 13.5v". This is the bias supply to the PA.
> Disconnect the wire and see if the current returns to normal. If it
> does, the chances are that you have the dreaded sticking relay on
> that board - easy to fix but a pig to get at!
>
> Rob
> G4FAX

198. Re: [FT-707] fault on ft707

Yahoo group: FT-707
Date: 2004-12-11 23:12:10 UTC
From: Mark Robinson
Topic: 196 Message: 198

Hi George,

Including a web site that might help, they have
distributors in England as well.

Mark
--- george <g1lmz@...> wrote:

>
>
> hi all thanks for all your help guys its was one of
> my 2sc2290 power
> trans went down so now i am looking for one or 2 to
> buy or any help
> in where to get them from thanks agn
>
> G1LMZ CHEERS
>
>
>
>
>
>
>

Do you Yahoo!?
Send holiday email and support a worthy cause. Do good.
http://celebrity.mail.yahoo.com

199. Re: [FT-707] fault on ft707

Yahoo group: FT-707
Date: 2004-12-11 23:12:48 UTC
From: Mark Robinson
Topic: 196 Message: 199

Forget the web site

www.nteinc.com

Mark
--- george <g1lmz@...> wrote:

>
>
> hi all thanks for all your help guys its was one of
> my 2sc2290 power
> trans went down so now i am looking for one or 2 to
> buy or any help
> in where to get them from thanks agn
>
> G1LMZ CHEERS
>
>
>
>
>
>
>

Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

200. Re: fault on my ft707

Yahoo group: FT-707
Date: 2004-12-14 15:30:41 UTC
From: Rob Macfie
Topic: 193 Message: 200

George.

Chances are the transistor blew due to lack of aerial when the set was turned on, i.e. the transistor blew as a result of the fault, and is not the cause. Before you fit new transistors, check that the bias supply to the PA board is switching correctly otherwise you could end up with very expensive fuses!

Rob
G4FAX

--- In FT-707@yahoogroups.com, "george" <g1lmz@h...> wrote:
>
>
> hi bob thanks a lot for your help i have found the fault its one of
> the 2sc2290 power trans did what you told me and it was spot om
> mate now i have to look for the 2sc2290 power trans do u have any
> ideas bob where to get them i will phone the guy you gave me his
> addy for cheers bob and thanks agn
>

201. File - Promoting our group

Yahoo group: FT-707
Date: 2005-01-01 22:10:35 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 201

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

202. FT707 Fault, any ideas?

Yahoo group: FT-707
Date: 2005-01-01 11:57:57 UTC
From: Mart
Topic: 202 Message: 202

Hi all...
happy new year to all!

i was wondering if any body could shed abit of light on a fault i
have with my FT707,
when switched on the display shows random numbers it reads, 9x.xxx.xx
(x been a constantly changing number)
there is no rx or tx on any band.
there is no xtals in the set.
it's a 707 with WARC bands
i have no clue as to what it could be...any help would be great.

73 to all
Mart, M3FVS

203. Re: [FT-707] FT707 Fault, any ideas?

Yahoo group: FT-707
Date: 2005-01-02 10:26:30 UTC
From: jim
Topic: 202 Message: 203

Mart schreef:

> Hi all...
> happy new year to all!
>
> i was wondering if any body could shed abit of light on a fault i
> have with my FT707,
> when switched on the display shows random numbers it reads, 9x.xxx.xx
> (x been a constantly changing number)
> there is no rx or tx on any band.
> there is no xtals in the set.
> it's a 707 with WARC bands
> i have no clue as to what it could be...any help would be great.
>
> 73 to all
> Mart, M3FVS

Mayby the fix knob is activated?
Or devect?

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, plaats amsat punt org achter de call
Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

204. Re: FT707 Fault, any ideas?

Yahoo group: FT-707
Date: 2005-01-02 17:20:14 UTC
From: Mart
Topic: 202 Message: 204

Hi Jim,

No the fix button is not switched, tried that one.
what's 'devect' then? not heard of that...

thanks

Mart, M3FVS
>
> Mayby the fix knob is activated?
> Or devect?
>
> --
> 73 Jim .--. . .---- .-. . .- PE1REA
> Email, plaats amsat punt org achter de call
> Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

205. Re: [FT-707] Re: FT707 Fault, any ideas?

Yahoo group: FT-707
Date: 2005-01-03 08:16:30 UTC
From: jim
Topic: 202 Message: 205

Mart schreef:

> Hi Jim,
>
> No the fix button is not switched, tried that one.
> what's 'devect' then? not heard of that...
>
> thanks
>
> Mart, M3FVS

Damaged, the button looks like working, but it is inside shortned.
My english is not my best part if I had a headache. :-)

But serieusly, the problem looks like somthing like that.
The same with the bandselector, if it stands between 80 meter and 10 meter.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, plaats amsat punt org achter de call
Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

206. [FT-707] FT707 Spairs any ideas?

Yahoo group: FT-707
Date: 2005-01-03 10:05:32 UTC
From: g7jiq-m@ntlworld.com
Topic: 206 Message: 206

Hi All

I am looking for a display i/c, a cupple of xtals and some front panel parts,

Does anyone have any ideas??

As I am rebuilding one of these great radios and are stuck to complete it.

Cheers
Dave....

[Non-text portions of this message have been removed]

207. Re: FT707 Spairs any ideas?

Yahoo group: FT-707
Date: 2005-01-03 10:42:02 UTC
From: Nick
Topic: 206 Message: 207

Can`t help with the display ic or the panel parts but crystals can be obtained from Quartslab in Kent (uk) www.quartslab.com or from www.kenselectronics.com in kalamazoo, michigan. I have personally ordered crystals from Ken and his service is very prompt and reliable. Good luck with your rebuild Dave.

Nick G4UKO

--- In FT-707@yahoogroups.com, <g7jiq-m@n...> wrote:
>
> Hi All
>
> I am looking for a display i/c, a cupple of xtals and some front panel parts,
>
> Does anyone have any ideas??
>
> As I am rebuilding one of these great radios and are stuck to complete it.
>
>
> Cheers
> Dave....
>
> [Non-text portions of this message have been removed]

208. New member

Yahoo group: FT-707
Date: 2005-01-03 12:43:08 UTC
From: David Hutchinson
Topic: 56 Message: 208

Hi folks - a happy new year to you all :-)
I have an old FT707 on my desk in the shack and the other day when I was tidying up I discovered that the manuals I have for the FT707 and associated kit were badly damaged. They have got wet and the pages are stuck together. At the moment I am collecting whatever manuals I can find from the Internet. The FC-707 manual (ATU) I have downloaded is in German. It would be useful to have an English version. I am also looking for a manual for my FV-707DM (external digital VFO). The FT707 hasn't been in use for a while. It is kept for backup and sentimental reasons. I use a FT857 and a FT817. I also have a TS130 as extra HF backup.

73 de David GI4FUM

209. Re: [FT-707] New member

Yahoo group: FT-707
Date: 2005-01-03 13:44:32 UTC
From: jim
Topic: 56 Message: 209

David Hutchinson schreef:
>
>
> Hi folks - a happy new year to you all :-)
> I have an old FT707 on my desk in the shack and the other day when I
> was tidying up I discovered that the manuals I have for the FT707
> and associated kit were badly damaged. They have got wet and the
> pages are stuck together. At the moment I am collecting whatever
> manuals I can find from the Internet. The FC-707 manual (ATU) I have
> downloaded is in German. It would be useful to have an English
> version. I am also looking for a manual for my FV-707DM (external
> digital VFO). The FT707 hasn't been in use for a while. It is kept
> for backup and sentimental reasons. I use a FT857 and a FT817. I
> also have a TS130 as extra HF backup.
>
> 73 de David GI4FUM

Have you tried www.mods.dk ?

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, plaats amsat punt org achter de call
Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

210. [FT-707] Circuit for VF-707 needed

Yahoo group: FT-707
Date: 2005-01-03 15:11:54 UTC
From: g7jiq-m@ntlworld.com
Topic: 210 Message: 210

Hi all

Can anyone direct me to where I can get a circuit for a VF-707.
I have just come across one with some tracking missing, (I wish people wouldn't play)

And this would be a nice add-on to the 707 tx I am restore/rebuilding.

Many thanks
Dave...

[Non-text portions of this message have been removed]

211. Re: [FT-707] FT707 Spairs any ideas?

Yahoo group: FT-707
Date: 2005-01-03 17:52:35 UTC
From: stoycon@sbcglobal.net
Topic: 206 Message: 211

Someone Recommended to me, the ones for sale on ebay (UK) but so you don't waste your time,,, they ONLY ship to (UK)
Good Luck
Steve (N0ORT)
----- Original Message -----
From: g7jiq-m@...
To: FT-707@yahoogroups.com
Sent: Monday, January 03, 2005 4:05 AM
Subject: [FT-707] FT707 Spairs any ideas?

Hi All

I am looking for a display i/c, a cupple of xtals and some front panel parts,

Does anyone have any ideas??

As I am rebuilding one of these great radios and are stuck to complete it.

Cheers
Dave....

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

212. Re: FT707 Fault, any ideas?

Yahoo group: FT-707
Date: 2005-01-03 22:41:13 UTC
From: Mart
Topic: 202 Message: 212

jim,

thanks for the idea, i will look in to this. will post how i get on.
okay on your english, your english is alot better than my dutch :-)

thanks again

mart, m3fvs

--- In FT-707@yahoogroups.com, jim <pe1rea@m...> wrote:
> Mart schreef:
>
> > Hi Jim,
> >
> > No the fix button is not switched, tried that one.
> > what's 'devect' then? not heard of that...
> >
> > thanks
> >
> > Mart, M3FVS
>
>
> Damaged, the button looks like working, but it is inside shortned.
> My english is not my best part if I had a headache. :-)
>
> But serieusly, the problem looks like somthing like that.
> The same with the bandselector, if it stands between 80 meter and
10 meter.
>
> --
> 73 Jim .--. . .---- .-. . .- PE1REA
> Email, plaats amsat punt org achter de call
> Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

213. Re: [FT-707] Re: power lead

Yahoo group: FT-707
Date: 2005-01-08 06:43:27 UTC
From: D. Yudistira
Topic: 117 Message: 213

I got one set with the plug but Unfortunatelly I am in Indonesia so I thing the courier bill will be so expensive, let me know if you still want it call or text me +628163149255 for detail

73

D. Yudhistira, 91SD251

george <g1lmz@...> wrote:

--- In FT-707@yahoogroups.com, "fazer5705" <neil9763@t...> wrote:
>
hi neil i was just reading the messages and i came across your
asking for a power lead as i need one to with the plug on did you
get any info on where to get them hope you can help me cheers neil

thanks goerge G1LMZ
>

Can anyone tell me where i can get a power lead for an ft707.
>
> Thanks
>
> Neil

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Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

214. Re: [FT-707] Re: FT707 Fault, any ideas?

Yahoo group: FT-707
Date: 2005-01-08 06:18:44 UTC
From: D. Yudistira
Topic: 202 Message: 214

Mart,

if the problem exist in all band switch

I found this problem long time ago with mine, I find out that the Socket on RF board was the problen, it seem good but the small coaxial cable is disconnected so.

Try to check these coaxial if okay search to find + 8 V, there have to be a 8V from AVR board to RF Board.

if only some band it seem that you have to re-tune the MF on RF board, make sure you have at lease a user manual to that for reference.

good luck,

D. Yudhistira, 91SD251

Mart <hotchin_2k@...> wrote:

jim,

thanks for the idea, i will look in to this. will post how i get on.
okay on your english, your english is alot better than my dutch :-)

thanks again

mart, m3fvs

--- In FT-707@yahoogroups.com, jim <pe1rea@m...> wrote:
> Mart schreef:
>
> > Hi Jim,
> >
> > No the fix button is not switched, tried that one.
> > what's 'devect' then? not heard of that...
> >
> > thanks
> >
> > Mart, M3FVS
>
>
> Damaged, the button looks like working, but it is inside shortned.
> My english is not my best part if I had a headache. :-)
>
> But serieusly, the problem looks like somthing like that.
> The same with the bandselector, if it stands between 80 meter and
10 meter.
>

> --
> 73 Jim .--. . .---- .-. . .- PE1REA
> Email, plaats amsat punt org achter de call
> Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

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[Non-text portions of this message have been removed]

215. Final Output Transistor Replacement

Yahoo group: FT-707
Date: 2005-01-20 16:46:51 UTC
From: fort_tilden
Topic: 215 Message: 215

FYI, in case anyone has the same problem.

I finally fixed my dead FT-707. The power output had went to 50 Watts then to zero. Verify that this is your problem by checking bias voltages and power levels in the RF amp first. You can get a matched pair of 2SC2290s at rfparts.com for about $30 (2SC2290MP). A small network of some coils, caps, and resistors needs to be unsoldered and moved out of the way before you can get to the transistors. Make some sketches to help with the reassembly. Unsolder and lift the four big flat leads up with a dental pick or similar tool. Unscrew the nut on the mounting stud. Pull the transistor out and clean up the excess solder. After replacing the two components, I am back on the air with 100 Watts.

Good Luck!

216. PLEASE HELP ME ////////////////

Yahoo group: FT-707
Date: 2005-01-28 02:51:55 UTC
From: xavierdark63
Topic: 216 Message: 216

I want to know if i have to use a alimentation 20 /22 amp and if the FT got a tune ?

THanks you

EXcuse my english im french

217. File - Promoting our group

Yahoo group: FT-707
Date: 2005-02-01 23:14:17 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 217

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

218. Re: [FT-707] PLEASE HELP ME ////////////////

Yahoo group: FT-707
Date: 2005-02-04 19:37:04 UTC
From: Dante Marinelli
Topic: 216 Message: 218

Dear OM,

It is true, you have to use the alimentation of 20 Amp. at least. I've used my FT-707 for two months with a 5 amp. power supply but audio reports were poor, normaly with humm from low power and I could only work phone. If worked CW, if I increased power got a whistled tone whistled. In addition, many ham friends urged me to get another power supply of more amps, since they always told me that I could fry the radio. In my case I'm using a Miyako 20 amp. PS and it has been very reliable even being intented for CB use.

73 and good luck

Dante
TG9ADM

Do you Yahoo!?
Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

219. antenna tuner ..ft-707

Yahoo group: FT-707
Date: 2005-02-14 00:00:20 UTC
From: wayne
Topic: 219 Message: 219

would anybody out there know where i can get a antenna tuner for my ft-707... and how much would i b paying .. thanks thebear..

220. Re: [FT-707] antenna tuner ..ft-707

Yahoo group: FT-707
Date: 2005-02-14 05:20:03 UTC
From: stoycon@sbcglobal.net
Topic: 219 Message: 220

There was one on e-bay earlier today,,, if it is still there,,,, I'll send you the auction number, there is also a FT-707 Speaker

Steve
----- Original Message -----
From: wayne
To: FT-707@yahoogroups.com
Sent: Sunday, February 13, 2005 6:00 PM
Subject: [FT-707] antenna tuner ..ft-707

would anybody out there know where i can get a antenna tuner for my ft-707... and how much would i b paying .. thanks thebear..

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[Non-text portions of this message have been removed]

221. Re: [FT-707] antenna tuner ..ft-707

Yahoo group: FT-707
Date: 2005-02-14 15:19:14 UTC
From: stoycon@sbcglobal.net
Topic: 219 Message: 221

Wayne, look at e-bay item # 5750574655 it is currently at 51.00
Steve N0ORT
----- Original Message -----
From: wayne
To: FT-707@yahoogroups.com
Sent: Sunday, February 13, 2005 6:00 PM
Subject: [FT-707] antenna tuner ..ft-707

would anybody out there know where i can get a antenna tuner for my
ft-707... and how much would i b paying .. thanks thebear..

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[Non-text portions of this message have been removed]

222. Re: [FT-707] antenna tuner ..ft-707

Yahoo group: FT-707
Date: 2005-02-15 07:59:28 UTC
From: pooh bear
Topic: 219 Message: 222

thanks very much ..will check it out

stoycon@... wrote:
Wayne, look at e-bay item # 5750574655 it is currently at 51.00
Steve N0ORT
----- Original Message -----
From: wayne
To: FT-707@yahoogroups.com
Sent: Sunday, February 13, 2005 6:00 PM
Subject: [FT-707] antenna tuner ..ft-707

would anybody out there know where i can get a antenna tuner for my
ft-707... and how much would i b paying .. thanks thebear..

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

223. general band coverage

Yahoo group: FT-707
Date: 2005-02-17 09:57:34 UTC
From: Jesse
Topic: 223 Message: 223

First i would like to say hello to all,am new to the group and new to my new 707,well new to me .Was wondering if there is a mod to open up the 707 like the other Yaesu rigs for extended band use. Jesse

224. Re: [FT-707] general band coverage

Yahoo group: FT-707
Date: 2005-02-17 12:50:26 UTC
From: jim
Topic: 223 Message: 224

Jesse schreef:

> First i would like to say hello to all,am new to the group and new
> to my new 707,well new to me .Was wondering if there is a mod to
> open up the 707 like the other Yaesu rigs for extended band
> use. Jesse

Hello Jesse, welkom to the group.

To answer your question, the 707 is a cristal based rig, so the bands
are regulated by cristals.
Each band is about 500 Khz wide, the max wide the cristal can perform.
That is the reason the 10 meter band is in four sections.

So there is *no* mod to open up for ext. band use.
Sorry, :-) but the is a light in the dark, because the 707 uses
cristals, you have no spurious sounds from the synthesyser.

So a famus dutch sockerplayer says a time, there is no bad or there is
somthing good in it. (Johan Cruijff)

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, plaats amsat punt org achter de call
Mail from: yahoo,hotmail,aol and msn goes unread /dev/null

225. Re: [FT-707] sticking relay fixed!!! (?)

Yahoo group: FT-707
Date: 2005-02-18 14:43:27 UTC
From: Dante Marinelli
Topic: 223 Message: 225

Hi to all!

I've been trying to fix the TX/RX relay on my FT-707, and yes, it is located on the AVR board. Difficult -but not impossible- to get there, you must remove some metal shields and a board in order to get it, however after a careful study of the owner's manual (and service manual) during some days, finally was able to check it, the removals took me about 20 minutes.

I pushed the PTT, MOX and CW key in order to make sure that the relay was sticking. It obviously sticked and then started unsticking with an insulated screwdriver. Then, as sugested by other users (see eham.net, product reviews for FT-707), I cleaned the contacts over and over with rubbing alcohol (I had not contact cleaner at the time but it should work better). The paper with I cleaned with was full of oxides and dirt. I TXed in order to make the relay contacts to close, moved the paper with some alcohol between them (forward, back, forward, back, right, left, right, left) and after some passes I used paper with no alcohol (cut some strips of 30 X 2 mm). BTW, it was necessary to remove the relay cap, not so difficult. I think the radio was never cleaned there, so perhaps there were more than 20 years of oxides, je je je. The tests were performed with the CAR and MIC GAIN potentiometers full counterclockwise since I have no dummy load, on the 10 meter band (totally empty last night).

Then, I tested the radio on CW and SSB, made no contacts since I only wanted to see if the relay was sticking again, and let it rest for some weeks. Last night I tested again and the relay is still sticking, but some pushing on the PTT or CW key and it keeps up working (it could stick for about one hour before the "fixture"!). I still need to use contact cleaner since it is the correct way to do it.

It is important to say that the radio only allowed me to make three DX contacts (RST exchange OP name and QTH) for almost one hour. I will test the radio tonight on real "on air" conditions, honestly I don't find it reliable but the test will make me change my mind for sure (this radio is reliable, despite this trouble). Hope to hear from your comments or experiences if any of you has performed this repair. 73 to all and goodl luck,

Dante Marinelli
TG9ADM

Do you Yahoo!?
Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

226. Re: [FT-707] sticking relay fixed!!! (?)

Yahoo group: FT-707
Date: 2005-02-18 17:18:36 UTC
From: Ian McGowan
Topic: 223 Message: 226

Hi Dante,
I haven't had experience of your problem personally but in the distant past I had a lot to do with relays in telephone exchanges (before the days of electronic exchanges!!). It occurs to me that if the contacts have 20yrs worth of accumulated dirt on them the poleface of the coil core and the side of the armature that is pulled in to the poleface might be in the same condition.
It might be worth a try at cleaning these also with your paper & alcohol technique. It could just be that sticky muck on the pole face is adding to the problem.
Another common cause of sticking relays is accumulated mechanical wear on parts of the armature and the fulcrum on which the armature pivots all of which can add up to reduce the residual gap i.e. the gap that should exist between the poleface and the armature when the relay is operated. Just as a quick check insert a slip of thin paper (cigarette paper is ideal) between the armature & the poleface, operate the relay a few times & see whether it still sticks.

Good luck,

Ian G8OFZ
----- Original Message -----
From: Dante Marinelli
To: FT-707@yahoogroups.com
Sent: Friday, February 18, 2005 2:43 PM
Subject: Re: [FT-707] sticking relay fixed!!! (?)

Hi to all!

I've been trying to fix the TX/RX relay on my FT-707, and yes, it is located on the AVR board. Difficult -but not impossible- to get there, you must remove some metal shields and a board in order to get it, however after a careful study of the owner's manual (and service manual) during some days, finally was able to check it, the removals took me about 20 minutes.

I pushed the PTT, MOX and CW key in order to make sure that the relay was sticking. It obviously sticked and then started unsticking with an insulated screwdriver. Then, as sugested by other users (see eham.net, product reviews for FT-707), I cleaned the contacts over and over with rubbing alcohol (I had not contact cleaner at the time but it should work better). The paper with I cleaned with was full of oxides and dirt. I TXed in order to make the relay contacts to close, moved the paper with some alcohol between them (forward, back, forward, back, right, left, right, left) and after some passes I used paper with no alcohol (cut some strips of 30 X 2 mm). BTW, it was necessary to remove the relay cap, not so difficult. I think the radio was never cleaned there, so perhaps there were more than 20 years of oxides, je je je. The tests were performed with the CAR and MIC GAIN potentiometers full counterclockwise since I have no dummy load, on the 10 meter band (totally empty last night).

Then, I tested the radio on CW and SSB, made no contacts since I only wanted to see if the relay was sticking again, and let it rest for some weeks. Last night I tested again and the relay is still sticking, but some pushing on the PTT or CW key and it keeps up working (it could stick for about one hour before the "fixture"!). I still need to use contact cleaner since it is the correct way to do it.

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Dante Marinelli
TG9ADM

Do you Yahoo!?
Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

b.. To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

227. Re: [FT-707] sticking relay fixed!!! (?)

Yahoo group: FT-707
Date: 2005-02-18 22:18:02 UTC
From: Rich
Topic: 223 Message: 227

Just a quick note, I had the same problem with the sticking relay,MY FIX was to wedge a small piece of paper between the AVR pcb and the metal frame near the top of the board just enough to flex the PCB, Never had a problem again with a stcking relay. I dont like to fix things like this, but in this case I did...
73... Rich
WA2GTW

Dante Marinelli <tg9dante@...> wrote:

Hi to all!

I've been trying to fix the TX/RX relay on my FT-707, and yes, it is located on the AVR board. Difficult -but not impossible- to get there, you must remove some metal shields and a board in order to get it, however after a careful study of the owner's manual (and service manual) during some days, finally was able to check it, the removals took me about 20 minutes.

I pushed the PTT, MOX and CW key in order to make sure that the relay was sticking. It obviously sticked and then started unsticking with an insulated screwdriver. Then, as sugested by other users (see eham.net, product reviews for FT-707), I cleaned the contacts over and over with rubbing alcohol (I had not contact cleaner at the time but it should work better). The paper with I cleaned with was full of oxides and dirt. I TXed in order to make the relay contacts to close, moved the paper with some alcohol between them (forward, back, forward, back, right, left, right, left) and after some passes I used paper with no alcohol (cut some strips of 30 X 2 mm). BTW, it was necessary to remove the relay cap, not so difficult. I think the radio was never cleaned there, so perhaps there were more than 20 years of oxides, je je je. The tests were performed with the CAR and MIC GAIN potentiometers full counterclockwise since I have no dummy load, on the 10 meter band (totally empty last night).

Then, I tested the radio on CW and SSB, made no contacts since I only wanted to see if the relay was sticking again, and let it rest for some weeks. Last night I tested again and the relay is still sticking, but some pushing on the PTT or CW key and it keeps up working (it could stick for about one hour before the "fixture"!). I still need to use contact cleaner since it is the correct way to do it.

It is important to say that the radio only allowed me to make three DX contacts (RST exchange OP name and QTH) for almost one hour. I will test the radio tonight on real "on air" conditions, honestly I don't find it reliable but the test will make me change my mind for sure (this radio is reliable, despite this trouble). Hope to hear from your comments or experiences if any of you has performed this repair. 73 to all and goodl luck,

Dante Marinelli
TG9ADM

Do you Yahoo!?

Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

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[Non-text portions of this message have been removed]

228. Re sticking relay.

Yahoo group: FT-707
Date: 2005-02-18 17:36:32 UTC
From: Ian
Topic: 228 Message: 228

Hi Dante,
I haven't had experience of your problem personally
but in the distant past I had a lot to do with relays in telephone
exchanges (before the days of electronic exchanges!!). It occurs to
me that if the contacts have 20yrs worth of accumulated dirt on them
the poleface of the coil core and the side of the armature that is
pulled in to the poleface might be in the same condition.
It might be worth a try at cleaning these also with your paper &
alcohol technique. It could just be that sticky muck on the pole face
is adding to the problem.
Another common cause of sticking relays is accumulated mechanical
wear on parts of the armature and the fulcrum on which the armature
pivots all of which can add up to reduce the residual gap i.e. the
gap that should exist between the poleface and the armature when the
relay is operated. Just as a quick check insert a slip of thin paper
(cigarette paper is ideal) between the armature & the poleface,
operate the relay a few times & see whether it still sticks.

Good luck,

Ian G8OFZ

229. 240v ac fed to dc input.....

Yahoo group: FT-707
Date: 2005-02-20 13:13:52 UTC
From: michaelg4gjn
Topic: 229 Message: 229

What a nightmare, a friend was helping me connect up my FT 707 baby and a few seconds of 240 volts ac was accidentally connected to her 13 volt dc power input jack. First symptoms of trouble, was the RCD on the mains blew , (when the psu with 13volts dc was correctly connected up). RCD was reset in consumer unit....., transceiver appearred to THEN work.....Then after a few minutes of low sensitivity receive - smoke drifted out from under the transceiver - I switched off quick.
I found a 3300mf electrolytic across the input supply, but even at 25 volts working , this was not the cause of the terrible smell/ smoke. Not actually sure wether the rig power was on or off when the ac was attatched , but it has certainly whacked it ! where do I go from here ? any ideas?, the rig is so clean I would like to sort her out .73 Michael G4GJN

230. Re: 240v ac fed to dc input.....

Yahoo group: FT-707
Date: 2005-02-22 08:42:29 UTC
From: Rob Macfie
Topic: 229 Message: 230

The damage could be quite extensive. However, the logical place to start is with the power supply. Do you have circuit diagrams? If not, contact me by email and I will scan and send you some.

You will need to take it a stage at a time, check psu is giving all the right voltages. Check those voltages a reaching the parts they should etc. You will probably need to isolate boards in order to pin down any further faults. If you can find where the smoke came from it will give you a good starting point. Remember, all electronics runs on smoke - if you let it out it no longer works!

Rob.

231. RE FT-707 Price

Yahoo group: FT-707
Date: 2005-02-22 10:37:24 UTC
From: Richard Fox
Topic: 231 Message: 231

Richard VK2UAL

I am looking at buying a FT-707 and would like to know what is the highest price I should pay for 707 in pristen condition & also one in good condtion & if I should be aware of any problems that may be common to these rig'z. Well thats all for now, thanks for your time and help it is greatly appreciated 73z Richard VK2UAL - United Flt-816 Heavy :)

232. Re: [FT-707] RE FT-707 Price

Yahoo group: FT-707
Date: 2005-02-22 17:37:10 UTC
From: Dante Marinelli
Topic: 231 Message: 232

Dear Richard,

I got my FT-707 used, in excellent conditions (without a single scratch, really!) with a Shure mike (manufactured on 1978) on november, 2002, for about US$400.00 (3,000 Guatemalan Quetzals). The common problems are:}

-The tuning knob scratches with the front of the radio
-TX/RX relay that tends to hang
-Overheating (not so sensitive and did't happened to my radio)
-requires of attention: DO NOT change bands or modes at the same time you are switching the PTT or CW key.
The other colleagues will tell more experiences. Despite these "bugs", this radio is nice and good equipment, easy to operate. Good luck,

Dante Marinelli
TG9ADM
Guatemala City, Guatemala

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[Non-text portions of this message have been removed]

233. Re: [FT-707] RE FT-707 Price

Yahoo group: FT-707
Date: 2005-02-23 08:00:45 UTC
From: pooh bear
Topic: 231 Message: 233

hey richard ... i paid $400 for mine with ext vfo..and the only prob i got is that i cant store any freqs...apart from that it is working great ..wayne..

Richard Fox <ozfm900@...> wrote:

Richard VK2UAL

I am looking at buying a FT-707 and would like to know what is the highest price I should pay for 707 in pristen condition & also one in good condtion & if I should be aware of any problems that may be common to these rig'z. Well thats all for now, thanks for your time and help it is greatly appreciated 73z Richard VK2UAL - United Flt-816 Heavy :)

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[Non-text portions of this message have been removed]

234. Re: [FT-707] sticking relay fixed!!!

Yahoo group: FT-707
Date: 2005-02-23 15:03:10 UTC
From: Dante Marinelli
Topic: 223 Message: 234

Hi again!

As I said, I planed to test my FT-707 on real on air situations. So, last night, about 0220UTC, I was on 7004 CW. At first I tryed ragchewing, then worked some fast contacts and finally, before dinning time a nice pileup managing (then many OK, I, YU, DL and american stations appeared). The rig's behavior was nice, without a single undesired relay hanging. The power used was 75W and the delay control was at it's minimum. The overall working time was 40 minutes, before the cleaning, as said in a previous message, I could only work for a time between 5 and 15 minutes, no more, and if turned off the radio and worked the next day, at the first PTT pushing the relay gave troubles. Last night I changed my mind about the rig because some months ago scracthed my head and asked myself if it was necessary to insert a coin somwhere on the FT-707 to keep up DXing!!! JA JA JA JA JA JA :o)

BTW, there is a website featuring a FT-707 service manual, I will post the address later, it is a non commercial site. The manual helped me to locate the AVR board, to remove adjacent boards correctly and to make the "pre-surgery" checkings: removing the counter unit, removing a metal shield, some screws at the right of the rig and then slide out the AVR unit. It takes some time to reach it, but if you perform it some times over and over you can make it easily.

Thank you very much for your tips and hope those who have the same trouble to find this info useful. 73 and good luck,

Dante Marinelli
TG9ADM

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[Non-text portions of this message have been removed]

235. Re: [FT-707] sticking relay fixed!!!

Yahoo group: FT-707
Date: 2005-02-24 16:37:46 UTC
From: Dante Marinelli
Topic: 223 Message: 235

FT website with manuals (many of them)!:

http://whitmarsh.homeip.net/yaesu/

good luck

Dante Marinelli
TG9ADM

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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

236. File - Promoting our group

Yahoo group: FT-707
Date: 2005-03-02 00:20:17 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 236

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

238. FT-707 Prob 15m and UP

Yahoo group: FT-707
Date: 2005-03-04 11:21:43 UTC
From: ademcuk
Topic: 238 Message: 238

Hi

I have an FT-707 that I purchased a few years ago, it was from the Original owner, the Radio cosmetically is beautiful, it looks almost like new, I fired it up on 20m just to give it an airing and it works fine, got great reports, I went to 15m but as soon as I TX the frequency display goes bezerk, same on 12m and 10m, the display shows all sorts of freqs on TX, 20m and below works perfectly, anyone come across this before

Adrian

EA5/G0KOM---ZC4MK---VP8COI

www.50mhz.org

239. Re: FT-707 Prob 15m and UP

Yahoo group: FT-707
Date: 2005-03-07 08:48:52 UTC
From: Rob Macfie
Topic: 238 Message: 239

I had what sounds like a similar problem in mine last year. I found that, although the display was going beserk the actual transmit/receive frequency was stable, so I assumed the problem was in the counter circuit. As I remember I just reseated all the connectors and it seemed to fix it. Probably too simple a fix but worth a try.

Rob
G4FAX

240. Re: FT-707 Prob 15m and UP

Yahoo group: FT-707
Date: 2005-03-07 20:31:28 UTC
From: ademcuk
Topic: 238 Message: 240

> I had what sounds like a similar problem in mine last year. I found
> that, although the display was going beserk the actual
> transmit/receive frequency was stable, so I assumed the problem was
> in the counter circuit. As I remember I just reseated all the
> connectors and it seemed to fix it. Probably too simple a fix but
> worth a try.
>
> Rob
> G4FAX

Thanks Rob

That is indeed the Case, I put a Dummy load on the FT-707 tonight and listened on another RX and it is indeed Stable on TX as well, just the Freq counter that goes beserk, so will have a look at the counter connections when I get a chance, at least its not as serious as I first thought, tnx for the pointer

Adrian

EA5/G0KOM

241. FV-707 anywhere?

Yahoo group: FT-707
Date: 2005-03-18 00:15:07 UTC
From: tallship_tallship
Topic: 241 Message: 241

I'm looking for an FV707 for to complement my HF rig. does anyone know where I can get one?

242. Re: [FT-707] FV-707 anywhere?

Yahoo group: FT-707
Date: 2005-03-18 06:04:37 UTC
From: stoycon@sbcglobal.net
Topic: 241 Message: 242

Have You checked on EBAY ???????
----- Original Message -----
From: tallship_tallship
To: FT-707@yahoogroups.com
Sent: Thursday, March 17, 2005 6:15 PM
Subject: [FT-707] FV-707 anywhere?

I'm looking for an FV707 for to complement my HF rig. does anyone know
where I can get one?

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a.. To visit your group on the web, go to:
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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

243. YEASU FT 707 Filters

Yahoo group: FT-707
Date: 2005-03-20 13:23:45 UTC
From: Terry Baldwin
Topic: 243 Message: 243

Hi, not having a instruction book for my FT 707, I wondered if anybody in the group could help me, I am interested in knowing what extra filters were available for the 707 ??.

Regards Terry
G4UEM

[Non-text portions of this message have been removed]

244. Re: [FT-707] YEASU FT 707 Filters

Yahoo group: FT-707
Date: 2005-03-20 13:40:30 UTC
From: jim
Topic: 243 Message: 244

Terry Baldwin schreef:

> Hi, not having a instruction book for my FT 707, I wondered if
> anybody in the group could help me, I am interested in knowing what
> extra filters were available for the 707 ??.
>
> Regards Terry G4UEM

Try www.mods.dk to download a manual.
I don't have info about filters, I used my on the standard components.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

245. Re: [FT-707] YEASU FT 707 Filters

Yahoo group: FT-707
Date: 2005-03-21 17:21:26 UTC
From: Dante Marinelli
Topic: 243 Message: 245

Hi Terry,

I don't have the manual here, but I recall that it is possible to install a CW narrow filter to the radio. Yes, there are many manuals on the website mentioned by Jim. Good luck,

Dante
TG9ADM

Do you Yahoo!?
Yahoo! Small Business - Try our new resources site!

[Non-text portions of this message have been removed]

246. File - Promoting our group

Yahoo group: FT-707
Date: 2005-04-02 01:10:17 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 246

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
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If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

247. Punchier/more responsive audio

Yahoo group: FT-707
Date: 2005-04-02 19:52:51 UTC
From: ademcuk
Topic: 247 Message: 247

Hi ou

Simple Question, anyone used any of the Heil inserts in the Standard Microphone, or can recommend something else to use on my FT-707, i have the stock YM-35 and it seems like I have to virtually swallow the Mic and talk quite loud to get a good output, as there is no processor in the FT-707 I wonder what others have done

Adrian

EA5/G0KOM---ZC4MK---VP8COI

ZB2/G0KOM (June this year)

248. Re: [FT-707] Punchier/more responsive audio

Yahoo group: FT-707
Date: 2005-04-04 17:09:19 UTC
From: jim
Topic: 247 Message: 248

ademcuk schreef:

> Hi ou
>
> Simple Question, anyone used any of the Heil inserts in the Standard
> Microphone, or can recommend something else to use on my FT-707, i
> have the stock YM-35 and it seems like I have to virtually swallow the
> Mic and talk quite loud to get a good output, as there is no processor
> in the FT-707 I wonder what others have done
>
> Adrian

I have tried a Heil 4 element.
But it gives with my voice no diference.
I have sold the Heil.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

249. Re: Punchier/more responsive audio

Yahoo group: FT-707
Date: 2005-04-04 22:04:39 UTC
From: Rob Macfie
Topic: 247 Message: 249

The audio quality of my 707 has always been an obsession with me and I have gone through a number of mics trying to find something that suits. Started off with an SMC fist mic that came with the rig and sounded awful - very scratchy. Threw that away and used an old Eagle studio mic which apparently sounded ok but was a bit bassy, also it had no ptt - I don't use the vox since the day I was listening to a QSO while working on the bike, started the bike to warm it up and you can guess the rest.

Next tried an active fist mic from RS Components that I had used elsewhere and that was ok once the levels were set right. I am currently using an Altai desk mic (£10 from Ebay) which after a fair
bit of modification to get the impedances right also sounds reasonable according to reports.

The next attempt will be using an AEG pa mic as I have about 8 of them. This I am going to build up so it runs both my rigs and I will try a small amount of compression with it when it is connected to the 707, probably using the SA571 compandor. As far as I can see it is a matter of trying them out and seeing what others say. But, of course, everyone has a different idea of what sounds good. What I do now is connect the TS870 audio to the computer and record myself and form my own opinion as to how it sounds.

My next task is to improve the audio output!

Bit of a ramble that probably doesn't help, I could have just said try lots of mics and record youself until you find one YOU like the sound of.

Rob
G4FAX

p.s. If the AEG experiment works I can send you one.

250. FT 707 display still counting

Yahoo group: FT-707
Date: 2005-04-05 11:55:33 UTC
From: hondsrugcollege
Topic: 250 Message: 250

Hi Group !

I'm new here and was happy to find a usersgroup for my 707!

Bought my 707 with original power supply last year on a Ham flea market in the Northern part of the Netherlands, where I live.

Nice radio! Compact, good audio (through the speaker build in the ps.) and a fine holyday trcvr.

Since a week a strange fault occurs:
Set to freq. range 14 till 29 Mhz, the 2 last digits in the frequency readout start counting over and over and over....
It affects in no way the receive or transmit frequency; its "rock steady" as always.
Not a serious problem, but it looks silly....

It is not a heath problem, I think. Already made the Mods.dk tip and loosen the 4 screws from the top cover. Then turned it 180 degrees, so the slides aren in front now. It helped really and the 707 stays cooler by the natural air flow through it now.

Below 14 Mhz (80, 40 enz) the readout is stable.

Someone in the group any idea what went wrong ?

Best 73's from The Netherlands,

Tjerk
PE 1 IOC

251. FT-707 Frequencies

Yahoo group: FT-707
Date: 2005-04-05 14:18:00 UTC
From: cwmktrep
Topic: 251 Message: 251

I recently purchased a FT-707 and will receive it shortly. Unfortunately, I thought it was going to cover marine bands. Are there any mods that can be done to cover 2, 4, 6, 8,12&13, 17 and 22 Mhz?

I am new to ham and just getting started now.

252. Re: [FT-707] FT 707 display still counting

Yahoo group: FT-707
Date: 2005-04-05 18:38:59 UTC
From: jim
Topic: 250 Message: 252

hondsrugcollege schreef:

> Hi Group !
>
> I'm new here and was happy to find a usersgroup for my 707!

Welcom.

> Bought my 707 with original power supply last year on a Ham flea market
> in the Northern part of the Netherlands, where I live.
>
> Nice radio! Compact, good audio (through the speaker build in the ps.)
> and a fine holyday trcvr.
>
> Since a week a strange fault occurs:
> Set to freq. range 14 till 29 Mhz, the 2 last digits in the frequency
> readout start counting over and over and over....
> It affects in no way the receive or transmit frequency; its "rock
> steady" as always.
> Not a serious problem, but it looks silly....
>
> It is not a heath problem, I think. Already made the Mods.dk tip and
> loosen the 4 screws from the top cover. Then turned it 180 degrees, so
> the slides aren in front now. It helped really and the 707 stays cooler
> by the natural air flow through it now.

I don't have a solution, but happy I'm not the only dutchman here. :-)

> Below 14 Mhz (80, 40 enz) the readout is stable.
>
> Someone in the group any idea what went wrong ?
>
> Best 73's from The Netherlands,
>
> Tjerk
> PE 1 IOC

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

253. Re: FT 707 display still counting

Yahoo group: FT-707
Date: 2005-04-06 22:21:12 UTC
From: Rob Macfie
Topic: 250 Message: 253

See the post below "Prob 15m and up". I don't know if it is the problem
but I cured mine by reseating all the connectors on the display board,
and just for good luck, all the other ones I could find. Seemed to work.

Rob
G4FAX

254. Re: [FT-707] Re: FT 707 display still counting

Yahoo group: FT-707
Date: 2005-04-07 11:53:46 UTC
From: T. Polee
Topic: 250 Message: 254

Dr. O.M. Rob,

Thank you for this advice !
Could be the problem indeed. The guy I bought this 707
from had not opened it since november 1982 !

I let you know of reseating all connectors solved the
problem.
(My only problem at the moment is time for my hobby...
hi !)

Best 73's from the Netherlands,

Tjerk Pol?e
--- Rob Macfie <macfie_r@...> wrote:
>
>
> See the post below "Prob 15m and up". I don't know
> if it is the problem
> but I cured mine by reseating all the connectors on
> the display board,
> and just for good luck, all the other ones I could
> find. Seemed to work.
>
> Rob
> G4FAX
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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

255. FV-707DM

Yahoo group: FT-707
Date: 2005-04-17 14:33:06 UTC
From: Terry Baldwin
Topic: 255 Message: 255

Hi all, having just purchased another FV-707DM, I thought I would offer the Group one I have been using prior the purchase of second one !!.

My original FV-707DM is TATTY but working it has the original box and a photo copy of the manual, I am open to offers BUT I would prefer to ship within the UK.

I will of course send pictures to any interested parties.

Regards Terry
G4UEM

256. Re: [FT-707] FV-707DM

Yahoo group: FT-707
Date: 2005-04-17 15:57:09 UTC
From: Francesco Cilea
Topic: 255 Message: 256

Dear Terry
I LOOK A FT707 RTX Only, You own a FT707 to sell

By Frank

Tnx Frank

--- Terry Baldwin <terry.baldwin@...> ha
scritto:

Hi all, having just purchased another FV-707DM, I
thought I would offer the
Group one I have been using prior the purchase of
second one !!.

My original FV-707DM is TATTY but working it has the
original box and a
photo copy of the manual, I am open to offers BUT I
would prefer to ship
within the UK.

I will of course send pictures to any interested
parties.

Regards Terry
G4UEM

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo!
Terms of Service.

_____
Nuovo Yahoo! Messenger: E' molto pi? divertente: Audibles, Avatar, Webcam, Giochi,
Rubrica? Scaricalo ora!
http://it.messenger.yahoo.it

257. FT - 707 Wanted

Yahoo group: FT-707
Date: 2005-04-17 16:03:07 UTC
From: k0ire
Topic: 257 Message: 257

I LOOK A FT707 ,
Please for detail send e_mail at k0ire@...

258. Re: [FT-707] FV-707DM

Yahoo group: FT-707
Date: 2005-04-18 09:12:06 UTC
From: T. Polee
Topic: 255 Message: 258

Dr O.M. Terry,

Please send us a photo of your FV- 707 DM

Is it the 12 channel memory ?

Best 73's

Tjerk Pol?e
Hondsrug College (Yes, we are a school; see
www.hondsrugcollege.nl)
Emmen
The Netherlands

--- Terry Baldwin <terry.baldwin@...> wrote:
>
> Hi all, having just purchased another FV-707DM, I
> thought I would offer the
> Group one I have been using prior the purchase of
> second one !!.
>
> My original FV-707DM is TATTY but working it has the
> original box and a
> photo copy of the manual, I am open to offers BUT I
> would prefer to ship
> within the UK.
>
> I will of course send pictures to any interested
> parties.
>
> Regards Terry
> G4UEM
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Do you Yahoo!?
Plan great trips with Yahoo! Travel: Now over 17,000 guides!
http://travel.yahoo.com/p-travelguide

259. Re: [FT-707] FV-707DM

Yahoo group: FT-707
Date: 2005-04-18 20:06:51 UTC
From: Terry Baldwin
Topic: 255 Message: 259

Frank, sorry I do not have a FT-707 for sale.

Regards Terry
G4UEM

----- Original Message -----
From: "Francesco Cilea" <k0ire@...>
To: <FT-707@yahoogroups.com>
Sent: Sunday, April 17, 2005 4:57 PM
Subject: Re: [FT-707] FV-707DM

>
>
> Dear Terry
> I LOOK A FT707 RTX Only, You own a FT707 to sell
>
> By Frank
>
> Tnx Frank
>
>
>
>
>
> --- Terry Baldwin <terry.baldwin@...> ha
> scritto:
>
> ---
>
> Hi all, having just purchased another FV-707DM, I
> thought I would offer the
> Group one I have been using prior the purchase of
> second one !!.
>
> My original FV-707DM is TATTY but working it has the
> original box and a
> photo copy of the manual, I am open to offers BUT I
> would prefer to ship
> within the UK.
>
> I will of course send pictures to any interested
> parties.
>
> Regards Terry
> G4UEM
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> Yaesu-Musen Radios: Quality all around!
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> ---
> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/FT-707/
>
> To unsubscribe from this group, send an email to:
> FT-707-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
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> _____
> Nuovo Yahoo! Messenger: E' molto pi? divertente: Audibles, Avatar, Webcam,
> Giochi, Rubrica. Scaricalo ora!
> http://it.messenger.yahoo.it
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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260. Re: [FT-707] FV-707DM

Yahoo group: FT-707
Date: 2005-04-18 20:14:45 UTC
From: Terry Baldwin
Topic: 255 Message: 260

Hi Tjerk, yes it is the 12 channel memory unit, I will send some pictures in the next couple of days or so.

Regards Terry

----- Original Message -----
From: "T. Polee" <hondsrugcollege@...>
To: <FT-707@yahoogroups.com>
Sent: Monday, April 18, 2005 10:12 AM
Subject: Re: [FT-707] FV-707DM

>
>
> Dr O.M. Terry,
>
> Please send us a photo of your FV- 707 DM
>
> Is it the 12 channel memory ?
>
> Best 73's
>
> Tjerk Pol?e
> Hondsrug College (Yes, we are a school; see
> www.hondsrugcollege.nl)
> Emmen
> The Netherlands
>
> --- Terry Baldwin <terry.baldwin@...> wrote:
>>
>> Hi all, having just purchased another FV-707DM, I
>> thought I would offer the
>> Group one I have been using prior the purchase of
>> second one !!.
>>
>> My original FV-707DM is TATTY but working it has the
>> original box and a
>> photo copy of the manual, I am open to offers BUT I
>> would prefer to ship
>> within the UK.
>>
>> I will of course send pictures to any interested
>> parties.
>>
>> Regards Terry
>> G4UEM
>>

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> Do you Yahoo!?
> Plan great trips with Yahoo! Travel: Now over 17,000 guides!
> http://travel.yahoo.com/p-travelguide
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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261. Re: [FT-707] FV-707DM

Yahoo group: FT-707
Date: 2005-04-18 21:24:40 UTC
From: Terry Baldwin
Topic: 255 Message: 261

Sorry Group, I'm having a "Blond moment", I should have replied to the individual not the group!!.

Regards Terry
G4UEM

----- Original Message -----
From: "Terry Baldwin" <terry.baldwin@...>
To: <FT-707@yahoogroups.com>
Sent: Monday, April 18, 2005 9:14 PM
Subject: Re: [FT-707] FV-707DM

>
>
>
> Hi Tjerk, yes it is the 12 channel memory unit, I will send some pictures
> in
> the next couple of days or so.
>
> Regards Terry
>
>
> ----- Original Message -----
> From: "T. Polee" <hondsrugcollege@...>
> To: <FT-707@yahoogroups.com>
> Sent: Monday, April 18, 2005 10:12 AM
> Subject: Re: [FT-707] FV-707DM
>
>
>>
>>
>> Dr O.M. Terry,
>>
>> Please send us a photo of your FV- 707 DM
>>
>> Is it the 12 channel memory ?
>>
>> Best 73's
>>
>> Tjerk Pol?e
>> Hondsrug College (Yes, we are a school; see
>> www.hondsrugcollege.nl)
>> Emmen
>> The Netherlands
>>
>> --- Terry Baldwin <terry.baldwin@...> wrote:

>>>
>>> Hi all, having just purchased another FV-707DM, I
>>> thought I would offer the
>>> Group one I have been using prior the purchase of
>>> second one !!.
>>>
>>> My original FV-707DM is TATTY but working it has the
>>> original box and a
>>> photo copy of the manual, I am open to offers BUT I
>>> would prefer to ship
>>> within the UK.
>>>
>>> I will of course send pictures to any interested
>>> parties.
>>>
>>> Regards Terry
>>> G4UEM
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>> Do you Yahoo!?
>> Plan great trips with Yahoo! Travel: Now over 17,000 guides!
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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262. File - Promoting our group

Yahoo group: FT-707
Date: 2005-05-01 21:41:52 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 262

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

263. FT-707 Parts Needed For A Rebuild

Yahoo group: FT-707
Date: 2005-05-05 08:59:07 UTC
From: g7jiq
Topic: 263 Message: 263

Hi All

Lets see how good you all are,

I am in the throws of rebuilding a very sorry looking ft-707 and need
a cupple of parts to complete my project.

I am missing the two small inner knobs (marked AF and Clar) and the
band sellect knob.

I am also missing two band crystals, for bands 30 and 40,
these are marked as X04 and X06 on the pcb,
The frequencys are 21.4845 and 24.4875 mhz.

A big thanks in advance for any help recieved no matter how small.

Cheers
Dave...

264. Re: [FT-707] FT-707 Parts Needed For A Rebuild

Yahoo group: FT-707
Date: 2005-05-06 06:34:12 UTC
From: D. Yudistira
Topic: 263 Message: 264

Hi, I think I can help with 30M Cristal, tell me how to help you in this, I mean your address of course, since I am from Indonesia I will find out te shipping cost for you.

91SD251

g7jiq <g7jiq-m@...> wrote:
Hi All

Lets see how good you all are,

I am in the throws of rebuilding a very sorry looking ft-707 and need
a cupple of parts to complete my project.

I am missing the two small inner knobs (marked AF and Clar) and the
band sellect knob.

I am also missing two band crystals, for bands 30 and 40,
these are marked as X04 and X06 on the pcb,
The frequencys are 21.4845 and 24.4875 mhz.

A big thanks in advance for any help recieved no matter how small.

Cheers
Dave...

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Discover Yahoo!
Get on-the-go sports scores, stock quotes, news & more. Check it out!

[Non-text portions of this message have been removed]

265. Re: [FT-707] Re: FT 707 display still counting

Yahoo group: FT-707
Date: 2005-05-06 06:17:36 UTC
From: D. Yudistira
Topic: 250 Message: 265

usually after several year the rig needs ti re-alignment, in this case i tought the problem is on then RF board, to find RF board, just simply remove the upper cover, then you will see a line of MF just after the display unit, there you have to re adjust some of them. If you not familiar with this try to find the user manual and the service manual, now its available to down load at : withmarsh.homeip.net/eighty.

good luck de 91SD251

"T. Polee" <hondsrugcollege@...> wrote:

Dr. O.M. Rob,

Thank you for this advice !
Could be the problem indeed. The guy I bought this 707
from had not opened it since november 1982 !

I let you know of reseating all connectors solved the
problem.
(My only problem at the moment is time for my hobby...
hi !)

Best 73's from the Netherlands,

Tjerk Pol?e
--- Rob Macfie wrote:
>
>
> See the post below "Prob 15m and up". I don't know
> if it is the problem
> but I cured mine by reseating all the connectors on
> the display board,
> and just for good luck, all the other ones I could
> find. Seemed to work.
>
> Rob
> G4FAX
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http://mail.yahoo.com

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

Discover Yahoo!
Find restaurants, movies, travel & more fun for the weekend. Check it out!

[Non-text portions of this message have been removed]

266. Re: [FT-707] FT-707 Frequencies

Yahoo group: FT-707
Date: 2005-05-06 06:40:25 UTC
From: D. Yudistira
Topic: 251 Message: 266

For Info FT 707 is the VFO based Band Switch Radio, so the only thing you can do is to change the osc. crystal, you have to calculate first and find the crystal on the market. but for the freq that you write it seems impossible FT 707 can get on the freq

CU De 91SD251

cwmktrep <Chris@...> wrote:

I recently purchased a FT-707 and will receive it shortly.
Unfortunately, I thought it was going to cover marine bands. Are
there any mods that can be done to cover 2, 4, 6, 8,12&13, 17 and 22
Mhz?

I am new to ham and just getting started now.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Yahoo! Mail
Stay connected, organized, and protected. Take the tour

[Non-text portions of this message have been removed]

267. Re: [FT-707] FT-707 Parts Needed For A Rebuild

Yahoo group: FT-707
Date: 2005-05-10 09:01:32 UTC
From: Dave
Topic: 263 Message: 267

Hi D.Yudistira

Thank you for your reply,
I am in the United Kingdom,
Can you please reply to my email address, as to keep the forum clear.

Many thanks
Dave....

g7jiq-m@...

----- Original Message -----
From: D. Yudistira
To: FT-707@yahoogroups.com
Sent: Friday, May 06, 2005 7:34 AM
Subject: Re: [FT-707] FT-707 Parts Needed For A Rebuild

Hi, I think I can help with 30M Cristal, tell me how to help you in this, I mean your address of course, since I am from Indonesia I will find out te shipping cost for you.

91SD251

g7jiq <g7jiq-m@...> wrote:
Hi All

Lets see how good you all are,

I am in the throws of rebuilding a very sorry looking ft-707 and need
a cupple of parts to complete my project.

I am missing the two small inner knobs (marked AF and Clar) and the
band sellect knob.

I am also missing two band crystals, for bands 30 and 40,
these are marked as X04 and X06 on the pcb,
The frequencys are 21.4845 and 24.4875 mhz.

A big thanks in advance for any help recieved no matter how small.

Cheers
Dave...

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

To visit your group on the web, go to:
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To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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Get on-the-go sports scores, stock quotes, news & more. Check it out!

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/FT-707/

b.. To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.308 / Virus Database: 266.11.5 - Release Date: 04/05/2005

[Non-text portions of this message have been removed]

268. FT 707 WANTED!!

Yahoo group: FT-707
Date: 2005-05-13 00:27:10 UTC
From: garrobito_alado
Topic: 268 Message: 268

I'm locking for a nice yaesu ft 707.
Just pristine condition!!
Best regard
Jose

269. Spam on FT-707

Yahoo group: FT-707
Date: 2005-05-18 23:32:58 UTC
From: VE1HE
Topic: 269 Message: 269

You guys might not be aware of it but the moderators have done an outstanding job in the last few months.

We've been bombarded by spam so for this reason, we have decided to change the group to 'request for membership' instead of open to all.

It doesn't mean that it will not open to all in the future. It just means that requests for membership have to be requested before posting the first message.

Thanks for your understanding.

Pierre, VE1HE
FT-707 moderating team.

270. File - Promoting our group

Yahoo group: FT-707
Date: 2005-06-01 16:42:42 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 270

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

271. Re: FT 707 WANTED!!

Yahoo group: FT-707
Date: 2005-06-01 16:46:48 UTC
From: jjoamiami
Topic: 268 Message: 271

I have the complete set of Yaesu FT-707 with the yaesu Power supply
and the Antenna turner(condition Excellent). Are you interested?

--- In FT-707@yahoogroups.com, "garrobito_alado" <garrobito2002@y...>
wrote:
> I'm locking for a nice yaesu ft 707.
> Just pristine condition!!
> Best regard
> Jose

272. Help, FT-707 Knobs wanted

Yahoo group: FT-707
Date: 2005-06-02 07:27:53 UTC
From: Dave
Topic: 272 Message: 272

Hi all

I am looking for a set of (or part of) some knobs for a FT-707,
Having rebuilt on of these great radios, all I need is the knobs.

So can you all have a rumage in your junk boxes and see if you can come up with any thing sutable,

All the best
Cheers
Dave...

[Non-text portions of this message have been removed]

273. File - Promoting our group

Yahoo group: FT-707
Date: 2005-07-01 17:44:04 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 273

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

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Don't be shy. Do it.
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You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

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- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

274. power switch

Yahoo group: FT-707
Date: 2005-07-09 01:04:34 UTC
From: nnn0pjtt1
Topic: 274 Message: 274

Does anyone have an idea where I can find the paddle style power switch for the front of a 707? Thanks -

Oh and on another note, I think I am running into the relay issue. Any ideas? Parts sources? Thanks all

Les
w7sse <-- studying for general

275. Re: [FT-707] power switch

Yahoo group: FT-707
Date: 2005-07-09 06:12:09 UTC
From: Steve-O
Topic: 274 Message: 275

Les, I have a brand new set of relays, that I do not know what radio they go to, they are Magnacraft 50 ohm 12 vdc 22X-574A 19C307092P1 I don't know about the switch unless, the graveyard owns one, and that, I assume is Carols Department.

73s
Steve/N0ORT
----- Original Message -----
From: nnn0pjtt1
To: FT-707@yahoogroups.com
Sent: Friday, July 08, 2005 8:04 PM
Subject: [FT-707] power switch

Does anyone have an idea where I can find the paddle style power
switch for the front of a 707? Thanks -

Oh and on another note, I think I am running into the relay issue.
Any ideas? Parts sources? Thanks all

Les
w7sse <-- studying for general

Yaesu-Musen Radios: Quality all around!

YAHOO! GROUPS LINKS

a.. Visit your group "FT-707" on the web.

b.. To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

276. YAESU FT-707 BROKEN MODE SELECTOR SWITCH

Yahoo group: FT-707
Date: 2005-07-11 18:51:46 UTC
From: serp51
Topic: 276 Message: 276

DEARS AND OR LADIES AS THE CASE MAYBE.....I HAVE A BROKEN MODE SELECTOR SWITCH ON AND OLD FT-707.... TRIED CALLING YAESU THEY NO LONGER CARRY PARTS FOR THE OLD RADIO .....CAN ANYONE OUT THERE HELP ON THIS ONE .....ERP

277. File - Promoting our group

Yahoo group: FT-707
Date: 2005-08-01 18:51:13 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 277

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
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- etc...

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

278. Wanted FT707

Yahoo group: FT-707
Date: 2005-08-02 11:22:55 UTC
From: k0ire
Topic: 278 Message: 278

Hallo

j wanted the Yaesu FT707, please send me information of sale, if possible receive photo.
j live in italy
tnx Frank

279. Cross wired FT 707 help needed

Yahoo group: FT-707
Date: 2005-08-10 10:21:21 UTC
From: aussie_marty2003
Topic: 279 Message: 279

I have a cross wired 707
Now i'm no techy or even a ham I have used this 707 as a receiver for many years and love it. I have even bought another one to replace it after I blew this one. It has been sitting around for a long time so I thought I would take a look inside. I have found an exploded capacitor which was mounted to the power plug where the 12v comes into the set.
I'm wondering if I just replace the capacitor do you think it will fire up again or are my hopes just to high. The capicitor is a 25v 3300uf CEW hope that means something to you guys as I have no clue. I will try and sorce one from somwhere and give it a go but would appreciate your ideas or feed back.

Cheers
Marty

280. vacantion

Yahoo group: FT-707
Date: 2005-08-14 08:57:23 UTC
From: pe1rea
Topic: 280 Message: 280

Hello all 707 members, I had a vacantion for two weeks, so the
messages has been waiting al that time.
I'm sorry about that, but I'm home back now.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

281. Re: YAESU FT-707 BROKEN MODE SELECTOR SWITCH

Yahoo group: FT-707
Date: 2005-08-16 01:46:33 UTC
From: bigbubba_44691
Topic: 276 Message: 281

Hi ca you tell me did you sell your yaesu 707 My friend bought one off a person at a ham fest last week for parts and someone removed all the knobs off of it and i was wondering if this might have been the same radio,, I did a search for a ft-707 and this message came up, so i was just curiou if this is not your radio i have one just like your,thanks for reading my message
Dan

--- In FT-707@yahoogroups.com, "serp51" <serp51@y...> wrote:
> DEARS AND OR LADIES AS THE CASE MAYBE.....I HAVE A BROKEN MODE
> SELECTOR SWITCH ON AND OLD FT-707.... TRIED CALLING YAESU THEY NO
> LONGER CARRY PARTS FOR THE OLD RADIO .....CAN ANYONE OUT THERE
HELP
> ON THIS ONE .....ERP

282. FT-707 wanted

Yahoo group: FT-707
Date: 2005-09-01 11:36:34 UTC
From: k0ire
Topic: 282 Message: 282

j wanted the Yaesu FT707 or FT707S 10W , please send me information of sale, if
possible receive photo.
j live in italy
tnx Frank

283. For Sale Yaesu FP-707 Power Supply & Yaesu Desk Mic

Yahoo group: FT-707
Date: 2005-08-31 16:22:08 UTC
From: empagirv
Topic: 283 Message: 283

Nice Yaesu FP 707 Power supply with all cable hook ups
MINT Yaesu YM 38 Desk Mic with buttons AS NEW
Make offer for either or both Thanks Irv

284. File - Promoting our group

Yahoo group: FT-707
Date: 2005-09-01 18:38:40 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 284

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

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- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

285. Re: [FT-707] FT-707 wanted

Yahoo group: FT-707
Date: 2005-09-01 18:33:24 UTC
From: Neil Gunnell
Topic: 282 Message: 285

Hi Frank,

Sorry, the radio is now sold, it was an FT707 (100W)
the matching power supply/speaker and matching antenna
tuner. I sold it for ?280 - It was in excellent
condition. Hope this will give you an idea how much
one like mine would cost you. Once again, sorry.

Best Regards and good QSO's

Neil M1NMG

--- k0ire <k0ire@...> wrote:

---
j wanted the Yaesu FT707 or FT707S 10W , please send
me information of
sale, if
possible receive photo.
j live in italy
tnx Frank

Yaesu-Musen Radios: Quality all around!

SPONSORED LINKS
900
mhz Frequency
control Craft hobby

Hobbies and crafts
Ham radio antenna
800 mhz

YAHOO! GROUPS LINKS

Visit your group "FT-707" on the web.

To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo!
Terms of Service.

_____
How much free photo storage do you get? Store your holiday

snaps for FREE with Yahoo! Photos http://uk.photos.yahoo.com

286. ft707 price f/s

Yahoo group: FT-707
Date: 2005-09-17 10:36:19 UTC
From: william hawkins
Topic: 286 Message: 286

hi would like idea on price to sell

287. FT-707 search

Yahoo group: FT-707
Date: 2005-09-19 10:47:01 UTC
From: k0ire
Topic: 287 Message: 287

I am to the search of a FT707 possibly version QRP but also version
100 watt.
Please send E_mail to k0ire@...

288. File - Promoting our group

Yahoo group: FT-707
Date: 2005-10-01 17:08:01 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 288

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

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- ARC and association members you know own the rig
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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

289. please help me

Yahoo group: FT-707
Date: 2005-10-06 10:23:50 UTC
From: chamber681
Topic: 289 Message: 289

hi, 73´s to every people,i´m from venezuela and i need fc-707 manual, because i sold a second hand one and i don´t know how to use, please

290. FC 707

Yahoo group: FT-707
Date: 2005-10-07 04:45:19 UTC
From: Jose Vrancken
Topic: 290 Message: 290

yo tengo un fc 707 y tambien el manuel,que queres amigo.
Jose

291. Re: [Norton AntiSpam] [FT-707] please help me

Yahoo group: FT-707
Date: 2005-10-07 04:35:20 UTC
From: VRANCKEN JOSE
Topic: 291 Message: 291

yo tengo un fc 707 y tambien el manuel.
que queres amigo??
Jose
Jose en Alida Vrancken
Victor Govaerslaan 9 bus 10
2170 Antwerpen
ON6GV
jose.vrancken@...
alida.deboes@...
http://www.qrz.com/on6gv/
Tel huis :003236462496
GSM :0032477959333
International Pharmacist Ham Group
http://www.iphg.too.it

-------Oorspronkelijk bericht-------

Van: chamber681
Datum: 10/06/05 18:07:03
Aan: FT-707@yahoogroups.com
Onderwerp: [Norton AntiSpam] [FT-707] please help me

hi, 73´s to every people,i´m from venezuela and i need fc-707 manual,
because i sold a second hand one and i don´t know how to use, please

Yaesu-Musen Radios: Quality all around!

YAHOO! GROUPS LINKS

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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

292. Re: please help me

Yahoo group: FT-707
Date: 2005-10-12 12:35:41 UTC
From: Jose Vrancken
Topic: 289 Message: 292

--- In FT-707@yahoogroups.com, "chamber681" <chamber681@h...> wrote:
>
> hi, 73´s to every people,i´m from venezuela and i need fc-707 manual,
> because i sold a second hand one and i don´t know how to use, please
>
YOU CAN FIND IT on google? IF NOT I CAN HELP YOU

ON6GV on6gv@...e

293. Another post about AVR PCB Relays

Yahoo group: FT-707
Date: 2005-10-30 15:28:33 UTC
From: Rich
Topic: 293 Message: 293

Hi group,

Has anyone been able to find a source to buy the relays that are on the AVR board or replacement relays that can be adapted to work in place of the originals??

Thanks and 73
Rich
WA2GTW

294. File - Promoting our group

Yahoo group: FT-707
Date: 2005-11-01 18:29:49 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 294

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
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Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

295. new

Yahoo group: FT-707
Date: 2005-11-19 07:52:30 UTC
From: franco i8qhe
Topic: 295 Message: 295

Kindest regards to everybody
from the south Italy i8QHE Franco

[Non-text portions of this message have been removed]

296. File - Promoting our group

Yahoo group: FT-707
Date: 2005-12-01 20:36:45 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 296

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

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Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

297. the form for 50 mhzes

Yahoo group: FT-707
Date: 2005-12-03 13:20:09 UTC
From: franco i8qhe
Topic: 297 Message: 297

Hi
I need help to purchase the form for 50 mhzes
for the TRASVERTER FTV 767 are climbed on only currently for 144 mhzes
430 and 50 mhzes it is lacking
I desire to know retailers YAESU for the form 50 mhzes
prepared to purchase also used if funzionante
kindest regards from i8qhe

[Non-text portions of this message have been removed]

298. the form for 50 mhzes

Yahoo group: FT-707
Date: 2005-12-04 17:29:52 UTC
From: franco i8qhe
Topic: 297 Message: 298

Hi
I need help to purchase the form for 50 mhzes
for the TRASVERTER FTV 767 are climbed on only currently for 144 mhzes
430 and 50 mhzes it is lacking
I desire to know retailers YAESU for the form 50 mhzes
prepared to purchase also used if funzionante
kindest regards from i8qhe

[Non-text portions of this message have been removed]

299. the form for 50 mhzes

Yahoo group: FT-707
Date: 2005-12-04 09:44:04 UTC
From: franco i8qhe
Topic: 297 Message: 299

Hi
I need help to purchase the form for 50 mhzes
for the TRASVERTER FTV 767 are climbed on only currently for 144 mhzes
430 and 50 mhzes it is lacking
I desire to know retailers YAESU for the form 50 mhzes
prepared to purchase also used if funzionante
kindest regards from i8qhe

[Non-text portions of this message have been removed]

300. Help!!!

Yahoo group: FT-707
Date: 2005-12-29 02:23:04 UTC
From: ironpanty
Topic: 300 Message: 300

Hello,

I got an seconhand ft707, the owner said that it is sitting in his collection cabinet for a long time he said that the rig was in good condition. since the rig was never been used when we applied power to the radio the display frequency is garbled. also there is no recv and tx. can anyone help me.

thanks,,

trix

301. File - Promoting our group

Yahoo group: FT-707
Date: 2006-01-01 21:49:24 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 301

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

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Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

302. G3TSO Topband Modification

Yahoo group: FT-707
Date: 2006-01-11 20:37:33 UTC
From: ian_m0kcm
Topic: 302 Message: 302

Hi folks.
Just wondering if anybody has performed the top band mod to the FT707
as detailed in Radcom in the 1980's.

I've just received a copy of the mod and it looks very tempting.

Ian / M0KCM

303. Thank you to our moderators!

Yahoo group: FT-707
Date: 2006-01-15 23:42:54 UTC
From: VE1HE
Topic: 303 Message: 303

I just wanted to give a BIG thank you to all our moderators for doing such an amazing job with this group!

I keep receiving moderation notices and I have absolutely no time to handle any of them. Everytime I read messages from this group, it's always FT-227 related. You guys are amazing!

Thank you very much for your great work on behalf of all group members.

Happy new year and 73

Pierre, VE1HE

304. Re: [FT-707] Thank you to our moderators!

Yahoo group: FT-707
Date: 2006-01-16 20:08:58 UTC
From: jim
Topic: 303 Message: 304

VE1HE wrote:

>I just wanted to give a BIG thank you to all our moderators for doing
>such an amazing job with this group!
>
>I keep receiving moderation notices and I have absolutely no time to
>handle any of them. Everytime I read messages from this group, it's
>always FT-227 related. You guys are amazing!
>
>Thank you very much for your great work on behalf of all group members.
>
>Happy new year and 73
>
>Pierre, VE1HE
>
>
>
:-[Thank you Pierre.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

305. File - Promoting our group

Yahoo group: FT-707
Date: 2006-02-01 21:08:15 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 305

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

306. Re: sticking relay fixed!!! (?)

Yahoo group: FT-707
Date: 2006-02-03 04:07:46 UTC
From: pingyuenhor
Topic: 223 Message: 306

--- In FT-707@yahoogroups.com, Rich <mistrmom@...> wrote:
>Hi Hams friends,

I think I have the same problem. After I finished transmitting, the radio does not return to receiving but keeps dead silent. I have to keep keying for several times, it then can receive siganls agn. I don't know whether it is the problem of the relay or not. Can anyone help me trace the problem? Tks 73

Isaac-----VE3PYH
>
> Just a quick note, I had the same problem with the sticking relay,MY FIX was to wedge a small piece of paper between the AVR pcb and the metal frame near the top of the board just enough to flex the PCB, Never had a problem again with a stcking relay. I dont like to fix things like this, but in this case I did...
> 73... Rich
> WA2GTW
>
> Dante Marinelli <tg9dante@...> wrote:
>
> Hi to all!
>
> I've been trying to fix the TX/RX relay on my FT-707, and yes, it is located on the AVR board. Difficult -but not impossible- to get there, you must remove some metal shields and a board in order to get it, however after a careful study of the owner's manual (and service manual) during some days, finally was able to check it, the removals took me about 20 minutes.
>
> I pushed the PTT, MOX and CW key in order to make sure that the relay was sticking. It obviously sticked and then started unsticking with an insulated screwdriver. Then, as sugested by other users (see eham.net, product reviews for FT-707), I cleaned the contacts over and over with rubbing alcohol (I had not contact cleaner at the time but it should work better). The paper with I cleaned with was full of oxides and dirt. I TXed in order to make the relay contacts to close, moved the paper with some alcohol between them (forward, back, forward, back, right, left, right, left) and after some passes I used paper with no alcohol (cut some strips of 30 X 2 mm). BTW, it was necessary to remove the relay cap, not so difficult. I think the radio was never cleaned there, so perhaps there were more than 20 years of oxides, je je je. The tests were performed with the CAR and MIC GAIN potentiometers full counterclockwise since I have no dummy load, on the 10 meter band (totally empty last night).

>
> Then, I tested the radio on CW and SSB, made no contacts since I only wanted to see if the relay was sticking again, and let it rest for some weeks. Last night I tested again and the relay is still sticking, but some pushing on the PTT or CW key and it keeps up working (it could stick for about one hour before the "fixture"!). I still need to use contact cleaner since it is the correct way to do it.
>
> It is important to say that the radio only allowed me to make three DX contacts (RST exchange OP name and QTH) for almost one hour. I will test the radio tonight on real "on air" conditions, honestly I don't find it reliable but the test will make me change my mind for sure (this radio is reliable, despite this trouble). Hope to hear from your comments or experiences if any of you has performed this repair. 73 to all and goodl luck,
>
>
> Dante Marinelli
> TG9ADM
>
>
> ---
> Do you Yahoo!?
> Yahoo! Search presents - Jib Jab's 'Second Term'
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> Yaesu-Musen Radios: Quality all around!
>
>
>
>
>
> ---
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/FT-707/
>
> To unsubscribe from this group, send an email to:
> FT-707-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

>
>
>
> ---
> Do you Yahoo!?
> Yahoo! Search presents - Jib Jab's 'Second Term'
>
> [Non-text portions of this message have been removed]
>

307. Re: [FT-707] fixing stickie relays

Yahoo group: FT-707
Date: 2006-02-06 15:09:55 UTC
From: Dante Marinelli
Topic: 223 Message: 307

Dear Isaac,
I almost got sick from my liver when my FT-707 had the same problem, however, in my specific case, there was that good ol' relay on the AVR board. On a post-fixing research, I established that some oxides interrupted the contact in the relay, and almost all technicians recommended me (and probably you) to use a good contact cleaner, any additional sugestion friends?

good luck and 73,

Dante, TG9ADM

Relax. Yahoo! Mail virus scanning helps detect nasty viruses!

[Non-text portions of this message have been removed]

308. Re: fixing stickie relays

Yahoo group: FT-707
Date: 2006-02-08 15:54:36 UTC
From: ve3jkm
Topic: 223 Message: 308

Hi Dante,

I hope you have fully recovered now from the liver problem.
As for the sticky relay problem, I have no solution so far but
I can share some info I got from AC5XP who fixed it about
20 years ago. He kindly mentioned that
there was a big capacitor connected to the relay (pin TX13.5).
When the relay switches to TX, there was a sudden discharge of
current through the relay contacts, causing the contacts to
stick together, much like a welding joint.
His fix was to reduce the size of that capacitor. He also
mentioned that the capacitor was not on a PCB but on a wire
terminal. So far I am not able to locate that capacitor myself
and hope someone out there would give pointers.

BTW, I have tried to limit the current surge by inserting a
series resistor with pin TX13.5 without much success. I used
a 10ohms resistor, which should limit the max current to about 1.3A
or so. Maybe I will try a choke later to slowly ramp the current.
The interesting thing is that for my case, the contacts weren't
dirty at all, even before applying contact cleaner. I am sure
the contacts got stuck, however.

Another thing is that the tantalum capacitor on the AVR board looks
fishy. Maybe its low ESR is causing the welding despite its small
size.

Good luck & 73,

John, ve3jkm

--- In FT-707@yahoogroups.com, Dante Marinelli <tg9dante@...> wrote:
>
> Dear Isaac,
> I almost got sick from my liver when my FT-707 had the same
problem, however, in my specific case, there was that good ol' relay
on the AVR board. On a post-fixing research, I established that some
oxides interrupted the contact in the relay, and almost all
technicians recommended me (and probably you) to use a good contact
cleaner, any additional sugestion friends?
>
> good luck and 73,
>
> Dante, TG9ADM
>
>

> ---
> Relax. Yahoo! Mail virus scanning helps detect nasty viruses!
>
> [Non-text portions of this message have been removed]
>

309. Re: [FT-707] Re: fixing stickie relays and reaching AVR board

Yahoo group: FT-707
Date: 2006-02-09 16:35:04 UTC
From: Dante Marinelli
Topic: 223 Message: 309

Hi John!
Well, I recovered from that "liver trouble" as soon as the relay stopped it's jamming :o) je je je je. I also contacted AC5XP, I think that it was after seeing an add on eham.net. I is funny but due to the intermmitent nature of this failure, my radio trick some local technicians.

In my particular situation, the contacts of the relay were really dirt, full of oxides. Althought I received basic electronics training (in addition to the ham radio related electronics), I studied and practiced the removal of the AVR board, it's slighty difficult, but once you get it the cleaning/fixing procedure is quite an exercise.

Good luck on the repair task, 73 and good luck,

Dante, TG9ADM

Brings words and photos together (easily) with
PhotoMail - it's free and works with Yahoo! Mail.

[Non-text portions of this message have been removed]

310. Re: fixing stickie relays and reaching AVR board

Yahoo group: FT-707
Date: 2006-02-20 23:13:59 UTC
From: ve3jkm
Topic: 223 Message: 310

Hi Dante,

Finally have enough info to reply to you.
Oic, the "liver" trouble caused by the relay :)

So maybe the capacitor loading on the tx13.5 relay contact
was causing the sticking relay to tx. (sudden discharge of cap)
So I disconnected all the loading on
the tx13.5 solder post on the avr board. Guess what? The
relay was still sticking after just a few minutes!!
It was this bad!! It was sticking without
much current spike into it and I finally have decided to
find a replacement relay. In my case the contacts weren't
dirty at all.
Unfortunately the relay was discontinued
and I had to wire in an external relay - ugly but it worked.

So after testing for about 2 hours last night in a QSO,
it seemed to have
fixed it... for now... until maybe something else is causing
the relay contacts to fail again. This time I am using a relay
contact rated at 3A... hoping it will outlast whatever discharge
of cap it may see :)

73 & happy Dxing,

John, ve3jkm

--- In FT-707@yahoogroups.com, Dante Marinelli <tg9dante@...> wrote:
>
> Hi John!
> Well, I recovered from that "liver trouble" as soon as the relay
stopped it's jamming :o) je je je je. I also contacted AC5XP, I
think that it was after seeing an add on eham.net. I is funny but
due to the intermmitent nature of this failure, my radio trick some
local technicians.
>
> In my particular situation, the contacts of the relay were really
dirt, full of oxides. Althought I received basic electronics training
(in addition to the ham radio related electronics), I studied and
practiced the removal of the AVR board, it's slighty difficult, but
once you get it the cleaning/fixing procedure is quite an exercise.
>
> Good luck on the repair task, 73 and good luck,
>
> Dante, TG9ADM

>
>
> ---
> Brings words and photos together (easily) with
> PhotoMail - it's free and works with Yahoo! Mail.
>
> [Non-text portions of this message have been removed]
>

311. Re: [FT-707] Re: fixing stickie relays and reaching AVR board

Yahoo group: FT-707
Date: 2006-02-21 18:25:29 UTC
From: Dante Marinelli
Topic: 223 Message: 311

Hi John,
Thanks for sharing with us the result of your investigation, do you think that relay is at the end of it's useful life? it may be, but hey! your fix, ugly or not, is working!!! good job, it demonstrates the usefulness of one of the areas of the amateur radio: experimentation. We would like to know the results of your tests with the 3Amp. relay.

In case of the relay tha attacked my liver (je je je...), it got stuck when made long QSOs during rag chewing, or after some DX contacts, about 15 minutes from the first CW/MIC switching.

Just a question, where did you located the "external relay"? did you put it on a box out of the rig or attached in a separated area?

Good luck and 73,

Dante Marinelli
TG9ADM

Brings words and photos together (easily) with
PhotoMail - it's free and works with Yahoo! Mail.

[Non-text portions of this message have been removed]

312. Re: fixing stickie relays and reaching AVR board

Yahoo group: FT-707
Date: 2006-02-21 23:17:32 UTC
From: ve3jkm
Topic: 223 Message: 312

Hi Dante,

Firstly, the relay I used was a 2P2T high quality one, each switch can carry 1.5A. So I parallelled them up to make a make-believe 3A 1P2T relay! So you can imagine the size of the relay is very small, about half the size of the 1000uF cap on the AVR board.

Wait... Isn't the original relay a 2P2T one?? How can a 1P2T relay work, you ask?!

The funny thing is that half of the original relay is still working (RX8/TX8). So guess what? I just leave the original relay there :)

The "external" relay is an add-on, replacing only the TX13.5/RX13.5 switch. This saved me a lot of time not having to remove the original relay from the hard-to-reach AVR board. At the same time, I just need 3 wires to the external relay (the other 2 are VDD & GND).

OK, finally your question: since the relay is small and about half the size of the 1000uF cap sticking out of the AVR board, I used a plastic tie to secure the relay to the 1000uF cap! Bingo... It might still pass "military spec" for vibration tests :) Just kidding... not a chance! :)

Have fun!

John, ve3jkm

--- In FT-707@yahoogroups.com, Dante Marinelli <tg9dante@...> wrote:
>
> Hi John,
> Thanks for sharing with us the result of your investigation, do you think that relay is at the end of it's useful life? it may be, but hey! your fix, ugly or not, is working!!! good job, it demonstrates the usefulness of one of the areas of the amateur radio: experimentation. We would like to know the results of your tests with the 3Amp. relay.
>
> In case of the relay tha attacked my liver (je je je...), it got stuck when made long QSOs during rag chewing, or after some DX contacts, about 15 minutes from the first CW/MIC switching.
>
> Just a question, where did you located the "external relay"? did you put it on a box out of the rig or attached in a separated area?
>
> Good luck and 73,

>
> Dante Marinelli
> TG9ADM
>
>
>
>
> ---
> Brings words and photos together (easily) with
> PhotoMail - it's free and works with Yahoo! Mail.
>
> [Non-text portions of this message have been removed]
>

313. sticking relay solved ??

Yahoo group: FT-707
Date: 2006-02-22 10:53:38 UTC
From: Rich
Topic: 313 Message: 313

Hi John,

Looks like you are on the right track. Can you tell us the specs on the relay you used? Such as coil voltage/current Mfg Name, part number etc. I would like to give it a try and imagine others would like to also..

Thanks ... 73 Rich WA2gtw

314. Re: sticking relay solved ??

Yahoo group: FT-707
Date: 2006-02-22 15:40:50 UTC
From: ve3jkm
Topic: 313 Message: 314

Hi Rich,

I think any small but high quality 2p2t or 1p2t relay will do the job.
Mine was an Omron Japan 2p2t sealed miniature relay sold at Sayal for
only
$4.5CDN :)

It was rated at 1.5A per contact with a 12V coil voltage. Parallelling
the 2 makes it a "make-believe 3A" relay.

I think the keys are:
(1) reputable manufacturer
(2) as high a contact current you can get for the small size
that will fit next to the 1000uF capacitor with a plastic tie.
(3) inexpensive :) for us hams

Unfortunately I don't have the part number off hand to give you
as it is now in my buddy ham's 707 :) The way it is in the rig
right now (leads up), it would be pretty hard to read the part
number... sorry :(

Beware that all the tests that have been done so far are limited to
2 sessions of cw rig-chewing for 2 hours each. So far so good :)

I have yet to observe if there is something else that is causing
the contacts to wear out prematurely. Maybe I still need to reduce
the capacitance of some large capacitors on the tx13.5 output.

Have fun & good luck!

John, ve3jkm

--- In FT-707@yahoogroups.com, "Rich" <mistrmom@...> wrote:
>
> Hi John,
>
> Looks like you are on the right track. Can you tell us the specs on
the
> relay you used? Such as coil voltage/current Mfg Name, part number
etc.
> I would like to give it a try and imagine others would like to also..
>
> Thanks ... 73 Rich WA2gtw
>

315. Re: sticking relay solved ??

Yahoo group: FT-707
Date: 2006-02-22 15:56:50 UTC
From: ve3jkm
Topic: 313 Message: 315

Hi Rich,

Thinking about it, my fix may not work for everyone.
In my case, I performed extensive debugging & identified that
1 pole of the original relay is still functioning (tx8/rx8) & therefore
I am leaving
half of the original relay. So in my case it worked.

Anyone wanting a sure fix should
perform your own debugging to identify if the tx8/rx8 or tx13.5/rx13.5
poles are mal-functioning.
If so, the best thing to do is to replace the faulty relay with the
original part number... If not, you may have a different problem
altogether.

73 & good luck!

John, ve3jkm

--- In FT-707@yahoogroups.com, "Rich" <mistrmom@...> wrote:
>
> Hi John,
>
> Looks like you are on the right track. Can you tell us the specs on
the
> relay you used? Such as coil voltage/current Mfg Name, part number
etc.
> I would like to give it a try and imagine others would like to also..
>
> Thanks ... 73 Rich WA2gtw
>

316. Re: fixing stickie relays and reaching AVR board - safety first

Yahoo group: FT-707
Date: 2006-02-22 18:37:22 UTC
From: ve3jkm
Topic: 223 Message: 316

Hi Dante,

One more very important safety detail in my fix:

When I tied the relay to the 1000uF capacitor,
I took great care not to over-tighten the 1000uf capacitor,
to prevent accidentally shorting this big capacitor.

When powering up, I observed a low standby current of the rig to
ensure that everything was safe & sound. (no capacitor shorting etc)

Cheers & 73

John, ve3jkm

--- In FT-707@yahoogroups.com, "ve3jkm" <ve3jkm@...> wrote:
>
> Hi Dante,
>
> Firstly, the relay I used was a 2P2T high quality one, each
> switch can carry 1.5A. So I parallelled them up to make a
> make-believe 3A 1P2T relay! So you can imagine the size of
> the relay is very small, about half the size of the 1000uF
> cap on the AVR board.
>
> Wait... Isn't the original relay a
> 2P2T one?? How can a 1P2T relay work, you ask?!
>
> The funny thing is that half of the original relay is still working
> (RX8/TX8). So guess what? I just leave the original relay there :)
>
> The "external" relay is an add-on, replacing only the TX13.5/RX13.5
> switch. This saved me a lot of time not having to remove the
original
> relay from the hard-to-reach AVR board. At the same time, I just
need
> 3 wires to the external relay (the other 2 are VDD & GND).
>
> OK, finally your question: since the relay is small and about half
> the size of the 1000uF cap sticking out of the AVR board, I used
> a plastic tie to secure the relay to the 1000uF cap! Bingo...
> It might still pass "military spec" for vibration tests :)
> Just kidding... not a chance! :)
>
> Have fun!
>

> John, ve3jkm
>
> --- In FT-707@yahoogroups.com, Dante Marinelli <tg9dante@> wrote:
> >
> > Hi John,
> > Thanks for sharing with us the result of your investigation, do
> you think that relay is at the end of it's useful life? it may be,
> but hey! your fix, ugly or not, is working!!! good job, it
> demonstrates the usefulness of one of the areas of the amateur
radio:
> experimentation. We would like to know the results of your tests
with
> the 3Amp. relay.
> >
> > In case of the relay tha attacked my liver (je je je...), it
got
> stuck when made long QSOs during rag chewing, or after some DX
> contacts, about 15 minutes from the first CW/MIC switching.
> >
> > Just a question, where did you located the "external relay"?
did
> you put it on a box out of the rig or attached in a separated area?
> >
> > Good luck and 73,
> >
> > Dante Marinelli
> > TG9ADM
> >
> >
> >
> >
> > ---
> > Brings words and photos together (easily) with
> > PhotoMail - it's free and works with Yahoo! Mail.
> >
> > [Non-text portions of this message have been removed]
> >
>

317. File - Promoting our group

Yahoo group: FT-707
Date: 2006-03-01 19:43:08 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 317

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

318. New member

Yahoo group: FT-707
Date: 2006-03-16 19:42:40 UTC
From: andre_pe1hwo
Topic: 56 Message: 318

Hi Group,

My name is André, qth is Rotterdam, ham since 1980.

I can obtain a FT-707 from a friend who has recently moved, and has a smaller shack now. He bought the whole rack in 1980.
He lived very closeby, I used his rig as an frequency standard with the 5th harmonic from 10m to know where I was at 2m, I used an IC202S with a crued analogue dial. This was done during the evening, leaving the IC202 on at the night, the next early morning I worked meteorscatter-skeds. It worked. (frequency counters were out of budget still don't own one).

A true story!

Well the FT-707 aged as much as we did, so it has some troubles.

First thing I notice, was that the 2 lightbulbs behind the dial were not working. How many trouble does it to change the lightbulbs?
Well I couldn't find an answer in the manuals. Do you have to remove the frontpanel to access it or even remove the VFO unit?

Next problem seems an interrupting one. Sometimes the VFO gets very unstable, but after a while its back to normal. In the past I traced this back to a problem with the FIX switch. Anyone solved this?

I would like to increase the range of the RIT, now it's around 3kHz max. That is not enough to work split. Anyone done this?

Then there is a FV-700DM, it comes with orginal manual and full schematics. It doesn't seem to work. I don't like synths, nor care much about scanning. If anyone is interrested mail me.

319. Re: Membership 707

Yahoo group: FT-707
Date: 2006-03-22 05:32:55 UTC
From: jim
Topic: 319 Message: 319

Russ Myer wrote:

> Much appreciated. I'll stay in the group and 'read the mail'; there's
> always some general hints, problems, etc., that could pertain to my
> IC_718!
>
I hope we can, the group is not really bizzy.

> For example, I'd like a comment or two from any member(s) versed in
> tuners. I bought a brand-new MFJ-949B antenna tuner --- which is
> actually ten-years old. It wants a 50-ohm coax input but I don't seem
> to find anything these days with that resistance. Lots of 75-Ohm, and
> pretty cheap. My question being, would there be a serious mismatch if
> I used 75-Ohm to feed my long-wire antenna?

No, I don't think so.
50 to 75 ohm gives normal 1 to 1.5.
And if the coax is short, less than a meter, {3 feet} I don't see much
problems.

>
> Thanks for the welcome!!
>
> Russ - W6TJG -- The Jolly Gentlemen

I post this mail also on the group, for comment.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

320. High SSB standby current - help!

Yahoo group: FT-707
Date: 2006-03-23 03:47:30 UTC
From: ve3jkm
Topic: 320 Message: 320

Hi all ft-707 friends,

My buddy ham's "newly" purchased 707 has another
intermittent problem...
The SSB power supply current when no tx audio sometimes
goes as high as 12A. Sometimes it is fine at around 2-3A.

The observations:

1) tx audio quality remains good despite high current. (I qsoed with
him)
2) no rf power comes out of the rig when the current is high;
therefore I think it is not carrier leakage.
3) tweaking the mic gain can cause sudden jump of rig current
from normal (2-3A) to 12A. Once it jumps to 12A, it stays there.
4) playing around with PTT or mic gain may sometimes brings the
current back to normal.

Any pointer will be appreciated.

Cheers,

John,ve3jkm

321. Re: High SSB standby current - help!

Yahoo group: FT-707
Date: 2006-03-31 02:42:40 UTC
From: ve3jkm
Topic: 320 Message: 321

Hi all,

I have got more info for my friend's 707: (all in tx mode)

1) disconnecting the base bias for the finals reduced the
high rig current to almost zero. (most current went into the PA unit)
2) lowering the rig Vcc to 12V or so helped this intermittent problem.
(less occurrance)
3) reducing the base bias of the finals by tweaking the bias VR
also helped. (less occurrance)
4) In AM mode, the current suddenly jumped up when I slowly turning
up the carrier from zero. (when problem occurs)
Once the current is high (12A or so), only releasing PTT would make
it drop; turning down the carrier control will not make it drop.
5) At high current state, there is actually some power (about 1W)
coming out. The previous observation of zero was incorrect.
6) The RF driving the PA unit appeared fine. (No jump in power in
AM mode; driving power went up linearily with the carrier knob.)

My guesses here:

1) Possible parasitic oscillation in the PA unit.
2) Final transistors has been weakened and have lower break down
voltages. (can this happen?)

Any other suggestions & fixes?

Cheers & 73,

John, ve3jkm

--- In FT-707@yahoogroups.com, "ve3jkm" <ve3jkm@...> wrote:
>
> Hi all ft-707 friends,
>
> My buddy ham's "newly" purchased 707 has another
> intermittent problem...
> The SSB power supply current when no tx audio sometimes
> goes as high as 12A. Sometimes it is fine at around 2-3A.
>
> The observations:
>
> 1) tx audio quality remains good despite high current. (I qsoed
with
> him)
> 2) no rf power comes out of the rig when the current is high;
> therefore I think it is not carrier leakage.

> 3) tweaking the mic gain can cause sudden jump of rig current
> from normal (2-3A) to 12A. Once it jumps to 12A, it stays there.
> 4) playing around with PTT or mic gain may sometimes brings the
> current back to normal.
>
> Any pointer will be appreciated.
>
> Cheers,
>
> John,ve3jkm
>

322. Re: [FT-707] Re: High SSB standby current - help!

Yahoo group: FT-707
Date: 2006-03-31 15:30:16 UTC
From: Kb3hg@aol.com
Topic: 320 Message: 322

John,
Sounds like the finals are breaking down, But..... on the other hand if some one was tinkering with the bias control pot VR01 on the PA UNIT, (page 23 of the manual Schematic) and they call it VR4201 in the photo of the 100 watt Power Amplifier on page 36 of the Manual. Take note of the position of the pot if you choose to move it as it sets the base bias for the two finals.
there is also a voltage regulator upc14308 and pass transistor (2sd235Y) that the pot is tied to, page 23. the parts I am cross referencing the 14308 is a 7808, anyway I hope this helps.

73,
Tom Kb3hg

Hi Tom,

Tnx for the help. I really appreciate it.
I can get the hard copy of the manual from my friend;
it is his 707 but I am trying to help him out as he doesn't know much electronics. He was a professional radio officier though :) For now, I do have a softcopy of the 707 manual, which is not as clear as the hardcopy but it will do.

Yes, the 1st thing I did was to spray on contact cleaner twice.
No improvement. I am trying to figure out where the current went. Note there was no output power when the current suddenly jumped high. Zero power out...
However, when talking into the mic, normal power comes out & the audio sound quality was good, as I can QSO with him fine.

73 & tnx!

John

[Non-text portions of this message have been removed]

323. Re: High SSB standby current - help!

Yahoo group: FT-707
Date: 2006-04-01 00:43:49 UTC
From: ve3jkm
Topic: 320 Message: 323

Hi Tom,

Thank you for the info.
I don't know. It is very possible that someone had
tinkered with the finals base bias pot...
However, I've just "tinkered" with it too :)

I have set it all the way to the lowest bias voltage to the
base, hoping that the instability will cease. (reducing the gain)
That seemed to help with the "sticking" current on SSB tx
but now on CW, I can see my friend's 707 cw carrier is fluctuating
up and down (at about 1Hz). Note he is just 10 minutes away from me.
So it is not QSB.

Now I have to figure out a way to stabilize his carrier...
Note I have noticed this carrier fluctuation
before the pot "tinkering". The CW still sounds good at 12wpm and
up.

Thanks & 73,

John,ve3jkm

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
> John,
> Sounds like the finals are breaking down, But..... on the other
hand if some
> one was tinkering with the bias control pot VR01 on the PA UNIT,
(page 23 of
> the manual Schematic) and they call it VR4201 in the photo of the
100 watt
> Power Amplifier on page 36 of the Manual. Take note of the position
of the pot
> if you choose to move it as it sets the base bias for the two
finals.
> there is also a voltage regulator upc14308 and pass transistor
(2sd235Y)
> that the pot is tied to, page 23. the parts I am cross referencing
the 14308 is
> a 7808, anyway I hope this helps.
>
> 73,
> Tom Kb3hg
>
>

>
> Hi Tom,
>
> Tnx for the help. I really appreciate it.
> I can get the hard copy of the manual from my friend;
> it is his 707 but I am trying to help him out as he doesn't
> know much electronics. He was a professional radio officier
> though :) For now, I do have a softcopy of the 707 manual,
> which is not as clear as the hardcopy but it will do.
>
> Yes, the 1st thing I did was to spray on contact cleaner twice.
> No improvement. I am trying to figure out where the current
> went. Note there was no output power when the current suddenly
> jumped high. Zero power out...
> However, when talking into the mic, normal power comes out
> & the audio sound quality was good, as I can QSO with him
> fine.
>
> 73 & tnx!
>
> John
>
>
>
>
> [Non-text portions of this message have been removed]
>

324. File - Promoting our group

Yahoo group: FT-707
Date: 2006-04-01 19:58:26 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 324

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

325. Re: [FT-707] Re: High SSB standby current - help!

Yahoo group: FT-707
Date: 2006-04-01 21:31:40 UTC
From: Kb3hg@aol.com
Topic: 320 Message: 325

John,
You know, a radio 20+years old has had some one in it. but the 1 hz drift could be from warm up of the vfo some 707s were known to drift 50hz or more until the vfos were stablized. the first 707 QST reviewed drifted 150 hz i believe. have to reread the article again. second one the reviewed was 0.1 hz i think.

good luck on your endever,

Tom Kb3hg

[Non-text portions of this message have been removed]

326. Re: High SSB standby current - help!

Yahoo group: FT-707
Date: 2006-04-02 07:24:41 UTC
From: ve3jkm
Topic: 320 Message: 326

Hi Tom,

Thanks for your reply. It is very nice to know someone is
with me on this adventure :) Thank you for your support :)

Tom, the 1Hz was not vfo drift. It was the time it took for
the cw carrier to go up & down. I think it was oscillation
(instability)
in the PA unit but not sure... Gosh, QSO'ed today with him with no
problem. It is an intermittent problem...

You know what? I have borrowed the manual & I have just realized
that this rig should be adjusted to output 110W max.
But it has been putting out 160W!! (Maybe his MFJ wattmeter is off
but it can't be that much) So previous "Golden screwdriver" confirmed.

Just curious, what is the normal output power you are seeing on your
rig?

So maybe I need to adjust the ALC or whatever to bring down the
power. I have to read the manual in more detail.

Cheers,

John, ve3jkm

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
> John,
> You know, a radio 20+years old has had some one in it. but the 1 hz
drift
> could be from warm up of the vfo some 707s were known to drift 50hz
or more
> until the vfos were stablized. the first 707 QST reviewed drifted
150 hz i
> believe. have to reread the article again. second one the reviewed
was 0.1 hz i
> think.
>
> good luck on your endever,
>
> Tom Kb3hg
>
>
> [Non-text portions of this message have been removed]
>

327. Some new uploads in the File section

Yahoo group: FT-707
Date: 2006-04-06 21:19:21 UTC
From: andre_pe1hwo
Topic: 327 Message: 327

Hi,

Just put some mods find in webarchive in the file section.
Meanwhile I replaced the 2 lightbulbs (8V) behind the dial. Well you need to dismantel a lot, but I think its worth it. Now the analogue dial is visible again.

The VFO is still instable sometimes, but I will have a go at the varicap mod of VK2EU. Sofar I found nothing odd in the VFO, all voltages were normal.

If anyone has the 160M and FM mods please upload these to the File section. Many thanks!

73 André pe1hwo

328. New file uploaded to FT-707

Yahoo group: FT-707
Date: 2006-04-09 05:54:11 UTC
From: FT-707@yahoogroups.com
Topic: 328 Message: 328

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT-707
group.

File : /User Manual/FT-707.pdf
Uploaded by : ve1he <ve1he@...>
Description : FT-707 user's manual

You can access this file at the URL:
http://groups.yahoo.com/group/FT-707/files/User%20Manual/FT-707.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

ve1he <ve1he@...>
```

329. RF Attinuator

Yahoo group: FT-707
Date: 2006-04-25 21:22:04 UTC
From: andre_pe1hwo
Topic: 329 Message: 329

Hi Group,

Just uploaded an jpg in the file section, describing a mod to attinuate the RF section of the 707.
I notice overload (in the form of high noise levels masking out weak dx signals) on 40m on my W3DZZ. It wasn't there on my FT-101zd3. Best way to do attinuation is with resistors. I'm not sure is the described mod is working well.

73 André pe1hwo

330. Re: G3TSO Topband Modification

Yahoo group: FT-707
Date: 2006-04-26 14:51:51 UTC
From: anita
Topic: 302 Message: 330

--- In FT-707@yahoogroups.com, "ian_m0kcm" <ian@...> wrote:
>
> Hi folks.
> Just wondering if anybody has performed the top band mod to the
FT707
> as detailed in Radcom in the 1980's.
>
> I've just received a copy of the mod and it looks very tempting.
>
> Ian / M0KCM
>
hi can you send me a copy

331. Re: [FT-707] Re: G3TSO Topband Modification

Yahoo group: FT-707
Date: 2006-04-26 16:17:20 UTC
From: iansweatman@btopenworld.com
Topic: 302 Message: 331

Hi Anita.

I am working in France at the present time and do not have access to my home computer files.

When I return home (this weekend) I will send you the information. - It will not be my first job as my wife and small children also need my attention, but rest assured the files will follow very soon.

73

Ian / M0KCM

anita <anita_jones36@...> wrote:
--- In FT-707@yahoogroups.com, "ian_m0kcm" <ian@...> wrote:
>
> Hi folks.
> Just wondering if anybody has performed the top band mod to the
FT707
> as detailed in Radcom in the 1980's.
>
> I've just received a copy of the mod and it looks very tempting.
>
> Ian / M0KCM
>
hi can you send me a copy

Yaesu-Musen Radios: Quality all around!

YAHOO! GROUPS LINKS

Visit your group "FT-707" on the web.

To unsubscribe from this group, send an email to:
FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

332. Re: [FT-707] Re: G3TSO Topband Modification

Yahoo group: FT-707
Date: 2006-04-26 19:38:08 UTC
From: M1cxf@aol.com
Topic: 302 Message: 332

Why not achive on the yahoo database then we can all share it?

Trevor (M1CXF)

[Non-text portions of this message have been removed]

333. Re: [FT-707] Re: G3TSO Topband Modification

Yahoo group: FT-707
Date: 2006-04-27 12:34:55 UTC
From: anita jones
Topic: 302 Message: 333

thankyou for that
anita

iansweatman@... wrote:
Hi Anita.

I am working in France at the present time and do not have access to my home computer files.

When I return home (this weekend) I will send you the information. - It will not be my first job as my wife and small children also need my attention, but rest assured the files will follow very soon.

73

Ian / M0KCM

anita <anita_jones36@...> wrote:
--- In FT-707@yahoogroups.com, "ian_m0kcm" <ian@...> wrote:
>
> Hi folks.
> Just wondering if anybody has performed the top band mod to the
FT707
> as detailed in Radcom in the 1980's.
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> I've just received a copy of the mod and it looks very tempting.
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[Non-text portions of this message have been removed]

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FT-707-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Do you Yahoo!?
Yahoo! Personals: It's free to check out our great singles!

[Non-text portions of this message have been removed]

334. Top Band Modification

Yahoo group: FT-707
Date: 2006-04-29 20:16:45 UTC
From: ian_m0kcm
Topic: 334 Message: 334

As promised, I've uploaded the files into the yahoo group.

Please note that I have not yet carried out the modification and that it was designed and created by G3TSO who kindly forwarded me the files earlier this year.

Anybody brave enough?

Ian M0KCM

335. File - Promoting our group

Yahoo group: FT-707
Date: 2006-05-01 18:30:38 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 335

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

336. Re: Top Band Modification

Yahoo group: FT-707
Date: 2006-05-02 19:17:03 UTC
From: andre_pe1hwo
Topic: 334 Message: 336

Many thanks Ian for uploading the topband mods.
Much apriciated!

The RF stage mods looks promissing too.

73 André pe1hwo

--- In FT-707@yahoogroups.com, "ian_m0kcm" <ian@...> wrote:
>
> As promised, I've uploaded the files into the yahoo group.
>
> Please note that I have not yet carried out the modification and that
> it was designed and created by G3TSO who kindly forwarded me the files
> earlier this year.
>
> Anybody brave enough?
>
> Ian M0KCM
>

337. VOX

Yahoo group: FT-707
Date: 2006-05-10 13:39:49 UTC
From: Erik
Topic: 337 Message: 337

Hi, I have a FT707 however the VOX switch does not seem to work.

The rig goes into Tx mode when there is sound in the mic even though the switch is off.

It was annoying because it did not stop transmitting so I could not use the PTT switch on the mic.
I can now, because I found that by winding the VOX gain all the way down I can.

Any ideas ??

Cheers Erik.

338. Re: [FT-707] VOX

Yahoo group: FT-707
Date: 2006-05-10 16:34:56 UTC
From: Dante Marinelli
Topic: 337 Message: 338

Hi Erik!

I also noticed this problem in the very early days of owning this rig. The problem appeared also when switching an antenna (manually, without a splitter) or knocking the mic over the desk. In my particular case, the mic switching stopped by itself (?).

Good luck,

Dante Marinelli
TG9ADM

How low will we go? Check out Yahoo! Messenger□s low PC-to-Phone call rates.

[Non-text portions of this message have been removed]

339. replacement crystals

Yahoo group: FT-707
Date: 2006-05-14 04:17:27 UTC
From: ih772
Topic: 339 Message: 339

I have an FT-707 where a previous owner converted it to work on 27 Mhz by changing the crystals in the first two sections of 10 meters...10A and 10b. I would like to change it back but I'm not sure of the proper specifications for the crystals other than the frequency. The mark signal also doesn't work and I'd like to repair that too.

340. New Toy

Yahoo group: FT-707
Date: 2006-05-15 16:37:46 UTC
From: robialbion
Topic: 340 Message: 340

After years of wanting one I have finally taken the
plunge at a local radio rally and bought myself a very tidy FT-707
for an unmissable price with top band mod already in. Not had the
chance to delve into the inner depths of the site yet so it is quite
likely the queries I have are aready answered somewhere but here goes
anyway!!

Top band is on the 12 metre switch when 'mark' button is pushed in -
when on 12 metres without 'mark' activated the frequency display goes
haywire and reads randomly, usually about 97.XXX.X!!! Have not
connected the rig to a frequency counter yet as I don't own one,
that'll be next! Same readout appears on the band switch 'notch'
between 80 metres and top of 10 metres!

Sensitivity seems well down particularly compared to my (admittedly
newer) FT-747GX, I wouldn't expect it to be as good but it does seem
very deaf! Judicious fiddling between RF/AF gain and the IF shift
helps but not as much as I'd have hoped. The rig may not have been
used for a while (RF board contacts slightly oxidised?) so a bit of
exercise over the next few weeks may well help! Cracking copy into
Khazakhstan from UK on its first activation bodes well though!!

73 de Rob - 2E0RZD

341. High Band Problem

Yahoo group: FT-707
Date: 2006-05-30 14:05:56 UTC
From: itji
Topic: 341 Message: 341

Hi,

I am using FT 707 since 1986 and never fail before

Recently I have problem with the power output on 10m band, it go as low as 10w, but it didnot effect the lower meter band (15m-lower)

any one can help??

Thank

Itji
91SD251

342. File - Promoting our group

Yahoo group: FT-707
Date: 2006-06-02 06:28:46 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 342

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

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- and more...

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

343. File - Promoting our group

Yahoo group: FT-707
Date: 2006-07-02 00:29:36 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 343

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

344. File - Promoting our group

Yahoo group: FT-707
Date: 2006-08-02 03:54:03 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 344

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

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Here's an example of an email that may be sent to other FT-707 users
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* * *

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http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

345. Re: File - Promoting our group

Yahoo group: FT-707
Date: 2006-07-27 05:08:25 UTC
From: zs6car
Topic: 3 Message: 345

Hello Everybody,

Can somebody please help me with a problem I am having with my FT 707 which is as follows:-

1) When The rig is switched on the radio automatically comes on in the "" FIX "" mode displaying 91.6>>>>>>>>>Mhz and will not switch back to normal operation no matter what I do. Even working the ""FIX:: button has no effect. Sometimes it is quick and other times it takes hours.

2) Subject to the above problem when the radio becomes warm " being left on for approx 2-3 Hours and I am now able to TX /RX the radio is unstable in that it runs up and down in frequency.

3) If it is required I will be able to supply the serial no, of the rig and also it was the sixth one sold in South Africa from HAMRAD at that time owned by Alan Chenik to me . I do have the full system ie. FV 707 + FP 707 + the 707 ATU.

3) If you can help and or require more info will you please E-Mail me direct as at times I have difficulty in accessing the internet due to salt mine problems and do not have that facility at home. E-Mail address is ..... < harold.krause@...
<mailto:harold.krause@...> >

Many tnx & God Bless you all

Best 73

Harold

ZS6CAR

[Non-text portions of this message have been removed]

346. moving coil s meter mod?

Yahoo group: FT-707
Date: 2006-08-17 21:30:39 UTC
From: Bear Freeman
Topic: 346 Message: 346

Is it possible to fit a moving coil s meter to the FT 707, in place of the led's, and still keep it looking good?

347. FT-707 receive

Yahoo group: FT-707
Date: 2006-08-27 00:33:01 UTC
From: kc9jyw
Topic: 347 Message: 347

Can someone help me to track down my low receive problem? I sometime lose the receive in this radio like a relay is stuck or something. Just isnt as sensitive as it use to be. When it receives without fail its great but when it acts like the receive has dropped back, Its hard to hear. Thanks for any help.....kc9jyw

348. VFO backlash

Yahoo group: FT-707
Date: 2006-08-25 14:52:24 UTC
From: gw4rwr
Topic: 348 Message: 348

Hi

I've had my '707 since 1984, and latterly I get VFO slip of almost 200Hz every 5kHz. It's a real nuisance when it happens to occur on the freq that I wish to use. Has anyone suffered this problem, and have they attempted to open the VFO mechanism? I have't dared.
Perhaps I've been whizzing the VFO knob too often, too quickly!

Regards
/gw4rwr

349. File - Promoting our group

Yahoo group: FT-707
Date: 2006-09-02 00:15:46 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 349

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

350. Re: FT-707 receive

Yahoo group: FT-707
Date: 2006-09-05 16:36:01 UTC
From: robialbion
Topic: 347 Message: 350

Hi

Sounds similar to the problems I had with mine! I bought my FT707 modified already for top band but the mod had not been properly completed. Fortunately a friend is a 'tech whizz' and was able to sort it out for me but he did indicate that as they get older Yaesu's and for that matter any rig can get 'deaf' with the ageing of components, particularly capacitors. It sounds from what you describe though that there is a tangible 'problem' occuring with the receive actually dropping out completely.

I had a similar problem with my FT747-GX which had two plated through connections on the RF board which intermittently affected RX and TX. As the rig warmed up the problem would go away the defect only actually coming to light as the rig got older. The offending joints have now been re-made and (fingers-crossed) all is well (5&9 into Thailand while mobile is good enough for me!!).

73 de Rob, 2E0RZD

--- In FT-707@yahoogroups.com, "kc9jyw" <kc9jyw@...> wrote:
>
> Can someone help me to track down my low receive problem? I sometime
> lose the receive in this radio like a relay is stuck or something.
> Just isnt as sensitive as it use to be. When it receives without fail
> its great but when it acts like the receive has dropped back, Its
hard
> to hear. Thanks for any help.....kc9jyw
>

351. ft-707 problem

Yahoo group: FT-707
Date: 2006-09-01 22:46:20 UTC
From: kc9jyw
Topic: 351 Message: 351

My 707 is getting back to where it transmitts fine but when un keying, the receive goes out. It seems like a stuck relay. Can someone tell me where the transmit/receive relay is? Thats the only thing that I can think of that it would be. kc9jyw

352. Transmitt / receive relay ft-707?

Yahoo group: FT-707
Date: 2006-09-02 19:47:07 UTC
From: kc9jyw
Topic: 352 Message: 352

Does anyone know if the transmitt receive relay can cause the ft-707 from receiving when it is keyed down? I have great receive but the second I transmitt, the receive goes away sometimes for hours or maybe days. Does anyone have any ideas on if this can be the problem??? kc9jyw@... or kcyjyw@...

353. Re: FT-707 receive

Yahoo group: FT-707
Date: 2006-09-04 22:55:02 UTC
From: Bud
Topic: 347 Message: 353

You have the classic bad TR relay(s) problem. Depending on how comfortable you are with the covers off of your radio, this is not a serious problem and not too tough to remedy.

I have had two of these with the same problem, and both are fine now. The symptoms are generally low or no receive signal after a transmission. Sometimes rapid keying of the mike will clear the problem, sometimes it won't. In one of my radios, both relays on the board would stick, resulting in the IF Width/Clarifier being messed up as well.

Basically you have to get in there and clean up the relay contacts. I did this by removing the relay board, popping the plastic covers off of the relays, and cleaning them (spraying) with Nu-Trol. I would refrain from using sandpaper, files, or any other gritty object on the contacts (you'd have to de-solder and remove the relays to do this anyways) as this usually doesn' t correct the problem for long, and is very difficult to do without damaging the coated contacts. Mine has lasted for years with just a good cleaning. Make sure you use a proper cleaner designed for potentiometers etc. (I like Nu-Trol), not WD-40 or anything like that.

The reason that the relays develop this problem has been speculated to be a large capacitior that discharges through the relay on transmit, thus "arcing" across the contacts, making them "sticky". I haven't tried to verify this but looking at the schematic, it could be possible.

I may be able to send you some digital pictures of where the board is etc. if you like. I also have the manual and schematics.

Bud
VE6EKX
bhaycock@...

--- In FT-707@yahoogroups.com, "kc9jyw" <kc9jyw@...> wrote:
>
> Can someone help me to track down my low receive problem? I sometime
> lose the receive in this radio like a relay is stuck or something.
> Just isnt as sensitive as it use to be. When it receives without fail
> its great but when it acts like the receive has dropped back, Its hard
> to hear. Thanks for any help.....kc9jyw

>

354. Re: FT-707 receive

Yahoo group: FT-707
Date: 2006-08-28 20:34:53 UTC
From: kc9jyw
Topic: 347 Message: 354

--- In FT-707@yahoogroups.com, "kc9jyw" <kc9jyw@...> wrote:
>
> Can someone help me to track down my low receive problem? I sometime
> lose the receive in this radio like a relay is stuck or something.
> Just isnt as sensitive as it use to be. When it receives without
fail
> its great but when it acts like the receive has dropped back, Its
hard
> to hear. Thanks for any help.....kc9jyw
>
OK I am now listening to the radio and it is acting like the receive
is breaking up a bit. The second I transmit, it is gone.A few minutes
later it is back but still sounding like it is breaking up a bit.
While listening, it is sounding like an antenna connection being lost
or something but is fine on my other radio. Anyone can help? kc9jyw

355. Re: [FT-707] FT-707 receive

Yahoo group: FT-707
Date: 2006-08-28 21:17:53 UTC
From: Dante Marinelli
Topic: 347 Message: 355

Hi Mr. KC9JYW!
I also had a trouble with a relay that got stuck. If there is a problem with the relay, the radio does not receive nothing at all, it acts like you are still pushing the PTT or your CW key (without the sidetone). As to the receiver, the troble appears after TXing? good luck,

Dante
TG9ADM

kc9jyw <kc9jyw@...> wrote:
Can someone help me to track down my low receive problem? I sometime
lose the receive in this radio like a relay is stuck or something.
Just isnt as sensitive as it use to be. When it receives without fail
its great but when it acts like the receive has dropped back, Its hard
to hear. Thanks for any help.....kc9jyw

Talk is cheap. Use Yahoo! Messenger to make PC-to-Phone calls. Great rates starting at 1¢/min.

[Non-text portions of this message have been removed]

356. Re: [FT-707] FT-707 receive

Yahoo group: FT-707
Date: 2006-09-01 01:26:30 UTC
From: Bud Haycock
Topic: 347 Message: 356

You have the classic bad TR relay(s) problem. Depending on how comfortable you are with the covers off of your radio, this is not a serious problem and not too tough to remedy.

I have had two of these with the same problem, and both are fine now. The symptoms are generally low or no receive signal after a transmission. Sometimes rapid keying of the mike will clear the problem, sometimes it won't. In one of my radios, both relays on the board would stick, resulting in the IF Width/Offset being messed up as well.

Basically you have to get in there and clean up the relay contacts. I did this by removing the relay board, popping the plastic covers off of the relays, and cleaning them (spraying) with Nu-Trol. I would refrain from using sandpaper, files, or any other gritty object on the contacts (you'd have to de-solder and remove the relays to do this anyways) as this usually doesn' t correct the problem for long, and is very difficult to do without damaging the coated contacts. Mine has lasted for years with just a good cleaning. Make sure you use a proper cleaner designed for potentiometers etc. (I like Nu-Trol), not WD-40 or anything like that.

The reason that the relays develop this problem has been speculated to be a large capacitior that discharges through the relay on transmit, thus "arcing" across the contacts, making them "sticky". I haven't tried to verify this but looking at the schematic, it could be possible.

I may be able to send you some digital pictures of where the board is etc. if you like. I also have the manual and schematics.

Bud
VE6EKX
bhaycock@...

----- Original Message -----
From: "kc9jyw" <kc9jyw@...>
To: <FT-707@yahoogroups.com>
Sent: Saturday, August 26, 2006 6:33 PM
Subject: [FT-707] FT-707 receive

> Can someone help me to track down my low receive problem? I sometime
> lose the receive in this radio like a relay is stuck or something.
> Just isnt as sensitive as it use to be. When it receives without fail
> its great but when it acts like the receive has dropped back, Its hard
> to hear. Thanks for any help.....kc9jyw
>
>

357. Re: [FT-707] Re: FT-707 receive

Yahoo group: FT-707
Date: 2006-09-06 21:34:00 UTC
From: Ron B
Topic: 347 Message: 357

I would love some pics..Any and all that I could get would be great.. Also I have found a small red wire off of the large relay in the back of the set. Their is a large red wire also conected to the same terminal of the relay but the smaller red wire has broken off of some other point to the radio. Any suggestions to where it could go? Thanks a million...Ron...kc9jyw

Bud <bhaycock@...> wrote: You have the classic bad TR relay(s) problem. Depending on how comfortable you are with the covers off of your radio, this is not a serious problem and not too tough to remedy.

I have had two of these with the same problem, and both are fine now. The symptoms are generally low or no receive signal after a transmission. Sometimes rapid keying of the mike will clear the problem, sometimes it won't. In one of my radios, both relays on the board would stick, resulting in the IF Width/Clarifier being messed up as well.

Basically you have to get in there and clean up the relay contacts. I did this by removing the relay board, popping the plastic covers off of the relays, and cleaning them (spraying) with Nu-Trol. I would refrain from using sandpaper, files, or any other gritty object on the contacts (you'd have to de-solder and remove the relays to do this anyways) as this usually doesn' t correct the problem for long, and is very difficult to do without damaging the coated contacts. Mine has lasted for years with just a good cleaning. Make sure you use a proper cleaner designed for potentiometers etc. (I like Nu-Trol), not WD-40 or anything like that.

The reason that the relays develop this problem has been speculated to be a large capacitior that discharges through the relay on transmit, thus "arcing" across the contacts, making them "sticky". I haven't tried to verify this but looking at the schematic, it could be possible.

I may be able to send you some digital pictures of where the board is etc. if you like. I also have the manual and schematics.

Bud
VE6EKX
bhaycock@...

--- In FT-707@yahoogroups.com, "kc9jyw" <kc9jyw@...> wrote:
>
> Can someone help me to track down my low receive problem? I sometime
> lose the receive in this radio like a relay is stuck or something.

> Just isnt as sensitive as it use to be. When it receives without
fail
> its great but when it acts like the receive has dropped back, Its
hard
> to hear. Thanks for any help.....kc9jyw
>

Get your own web address for just $1.99/1st yr. We'll help. Yahoo! Small Business.

[Non-text portions of this message have been removed]

358. CW filter for FT707

Yahoo group: FT-707
Date: 2006-09-18 12:51:18 UTC
From: gm4plm
Topic: 358 Message: 358

can anyone tell me the part numbers for an FT707 for CW filters

359. Re: CW filter for FT707

Yahoo group: FT-707
Date: 2006-09-18 23:56:11 UTC
From: Ian
Topic: 358 Message: 359

--- In FT-707@yahoogroups.com, "gm4plm" <gm4plm@...> wrote:
>
> can anyone tell me the part numbers for an FT707 for CW filters
>
hi there,
the 600Hz CW filter is a XF8.9HC - part no. H1100880

the 250Hz CW filter ia a XF8.9HCN - part no. H1102019

Hope that is what you wanted to know.

73 de Ian - G8OFZ.

360. Re: [FT-707] Transmitt / receive relay ft-707?

Yahoo group: FT-707
Date: 2006-09-19 22:24:46 UTC
From: Joe Harrell
Topic: 352 Message: 360

I had the same problem with my FT 707 a while back. There is a compacitor in the r/t circuit that is to large and allows too much current through the relay. I'm not a nowledgeable enough to fix it my self so I sent it to AES in Milwaukee and they fixed it for just over $124.49 including shipping from western Wis..
Joe KC9HHK

kc9jyw <kc9jyw@...> wrote:
Does anyone know if the transmitt receive relay can cause the ft-707 from receiving when it is keyed down? I have great receive but the second I transmitt, the receive goes away sometimes for hours or maybe days. Does anyone have any ideas on if this can be the problem???
kc9jyw@... or kcyjyw@...

Stay in the know. Pulse on the new Yahoo.com. Check it out.

[Non-text portions of this message have been removed]

361. wanted FT707 filters

Yahoo group: FT-707
Date: 2006-09-19 11:40:18 UTC
From: gm4plm
Topic: 361 Message: 361

hi

I am looking for a CW narrow and SSB narrow filter for my '707

anyone have one`??

rgds

Simon

362. Re: CW filter for FT707

Yahoo group: FT-707
Date: 2006-09-19 10:11:58 UTC
From: gm4plm
Topic: 358 Message: 362

sure is thanks!

--- In FT-707@yahoogroups.com, "Ian" <mcgowani@...> wrote:
>
> --- In FT-707@yahoogroups.com, "gm4plm" <gm4plm@> wrote:
> >
> > can anyone tell me the part numbers for an FT707 for CW filters
> >
> hi there,
> the 600Hz CW filter is a XF8.9HC - part no. H1100880
>
> the 250Hz CW filter ia a XF8.9HCN - part no. H1102019
>
> Hope that is what you wanted to know.
>
> 73 de Ian - G8OFZ.
>

363. FT-707 Normal Behaviour ?

Yahoo group: FT-707
Date: 2006-09-20 14:04:45 UTC
From: johnh75aus
Topic: 363 Message: 363

Hi, I'm hoping some owner/operators out here can confirm the normal operation of this radio. I've just aquired one (beautiful radio) and believe it has some faults. I have access to the service manuals but would appreciate any feedback on the following before I start.

1) The 17m band displays 91.xxx.x or 99.xxx.x where x is some random number. Volume needs to be increased to maximum to even receive quiet static, no stations can be received. The unmarked band position at the bottom between 10m D and 80m displays 91.0.1x.x

2) If I tune a station in SSB or AM and switch to CW-W CW-N mode I can still see the same Signal level on the Signal meter but have absoulutely no sound output even at the maximum volume adjustment. I should still be able to hear the station albeit with a narrow frequency response yes ? For what it's worth the CW filter is fitted.

3) What is the normal frequency range as displayed on the frequency meter for the 10m A, B, C and D bands ? Mine shows the following:

Band A 26.960.7 - 27.527.4
Band B 27.460.7 - 28.027.4
Band C 27.958.3 - 28.524.9
Band D 28.457.9 - 29.0176 (the last xx.x freq jumps around).

It appears to have been modified for 27MHz (Grrr). I'd like to restore it to the correct bands.

4) When tuning the dial mark below 0 and the mark above 500 do not line up with the tuning mark. Is this to be expected or can it be aligned to limit travel between these marks. For what it's worth stations are be recieved on the correct frequencies according to the frequency meter and compared to another digital reciever.

5) The lighting behind the tuning dial is white to green in colour. From picutres I've seen some appear yellow. What is considered normal ? Was there a difference on some models ?

6) On the 15m, 12m, 10m Band A, B, C, D If I remove the antenna and switch on the Mark signal I receive what sounds like receive static. If I turn the Mark signal off I get silence. On the 80m, 40m, 30m and 20m bands the tone is present without retuning. This has got to be a fault. Suggestions ?

Any help would be appreciated.

John.

364. Re: [FT-707] FT-707 Normal Behaviour ?

Yahoo group: FT-707
Date: 2006-09-21 02:09:42 UTC
From: Bud Haycock
Topic: 363 Message: 364

Hi John

Your questions in order,

17m - Possible crystal (17m) missing, or bad signal from RF board to the counter board, though this would nomally affect all bands. Since your radio appears to have been modified, I would be suspect that a crystal was accidently changed etc. When the display reads 91... etc., it's because it's not getting a valid osc signal from the RF board.

The low receive signal could be several things, but the most common on these radios is a sticky T/R relay.

The unmarked position at the bottom of the band selector is a spare segment on the switch. It is normal for this to read 91..... on the display. I believe there are mods to allow 160m operation using this blank spot on the selector switch.

Regarding the passband issue, here is something to try. Turn the clarifier OFF and then adjust the clarifier control. In the off position, the receive tuning should not be affected. I have seen two of these radios where one of the T/R relays would stick causing problems with the clarifier control, and subsequently the IF Bandwidth as well. This can cause the symptoms you describe. If the clarifier control still moves the receive frequency when in the OFF position, you have a stuck relay which will cause all sorts or receive issues.

The issue on 15-10m with the marker signal is more worrisome. It sounds like the IF is mis-aligned on those bands, possibly as a result of the 27MHz mods.. I'll check my manuals to see if I can narrow it down for you.
The pre mix crystals for those bands are TC3008,9,10,11 on the AF Board . I can get you the crystal freqs if you need.

10m should tune as:

10m A 28 - 28.5
10m B 28.5 - 29
10m C 29 - 29.5
10m D 29.5 - 29.9

These really are a great radio, with few problems except the occasional T/R relay(s), which is more common than many would like to admit.

Hope this helps..

bud
ve6ekx
----- Original Message -----

From: "johnh75aus" <john@...>
To: <FT-707@yahoogroups.com>
Sent: Wednesday, September 20, 2006 8:04 AM
Subject: [FT-707] FT-707 Normal Behaviour ?

> Hi, I'm hoping some owner/operators out here can confirm the normal
> operation of this radio. I've just aquired one (beautiful radio) and
> believe it has some faults. I have access to the service manuals but
> would appreciate any feedback on the following before I start.
>
> 1) The 17m band displays 91.xxx.x or 99.xxx.x where x is some random
> number. Volume needs to be increased to maximum to even receive quiet
> static, no stations can be received. The unmarked band position at the
> bottom between 10m D and 80m displays 91.0.1x.x
>
> 2) If I tune a station in SSB or AM and switch to CW-W CW-N mode I can
> still see the same Signal level on the Signal meter but have
> absoulutely no sound output even at the maximum volume adjustment. I
> should still be able to hear the station albeit with a narrow
> frequency response yes ? For what it's worth the CW filter is fitted.
>
> 3) What is the normal frequency range as displayed on the frequency
> meter for the 10m A, B, C and D bands ? Mine shows the following:
>
> Band A 26.960.7 - 27.527.4
> Band B 27.460.7 - 28.027.4
> Band C 27.958.3 - 28.524.9
> Band D 28.457.9 - 29.0176 (the last xx.x freq jumps around).
>
> It appears to have been modified for 27MHz (Grrr). I'd like to restore
> it to the correct bands.
>
> 4) When tuning the dial mark below 0 and the mark above 500 do not
> line up with the tuning mark. Is this to be expected or can it be
> aligned to limit travel between these marks. For what it's worth
> stations are be recieved on the correct frequencies according to the
> frequency meter and compared to another digital reciever.
>
> 5) The lighting behind the tuning dial is white to green in colour.
> From picutres I've seen some appear yellow. What is considered normal
> ? Was there a difference on some models ?
>
> 6) On the 15m, 12m, 10m Band A, B, C, D If I remove the antenna and
> switch on the Mark signal I receive what sounds like receive static.
> If I turn the Mark signal off I get silence. On the 80m, 40m, 30m and
> 20m bands the tone is present without retuning. This has got to be a
> fault. Suggestions ?
>
>
> Any help would be appreciated.

>
> John.
>
>
>
>
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>
>
> Yaesu-Musen Radios: Quality all around!
>
>
> Yahoo! Groups Links
>
>
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>
>
>
>

365. FT707 and transverter

Yahoo group: FT-707
Date: 2006-09-22 13:05:15 UTC
From: gm4plm
Topic: 365 Message: 365

Hi all

I cannot see in the manual how to connect a tvtr to the FT707

I see a low level out thats fine and obvious the rx line goes to the antenna but.....

how do you disable the PA so your not runnig full out ???

Is there a way of disabling the PA??

rgds

Simon

366. wanted FTV707

Yahoo group: FT-707
Date: 2006-09-22 13:05:53 UTC
From: gm4plm
Topic: 366 Message: 366

I am still looking for an FTV707 with 144 option please!

thanks

Simon

367. Re: FT707 and transverter

Yahoo group: FT-707
Date: 2006-09-23 13:40:46 UTC
From: Ian
Topic: 365 Message: 367

--- In FT-707@yahoogroups.com, "gm4plm" <gm4plm@...> wrote:
>
> Hi all
>
> I cannot see in the manual how to connect a tvtr to the FT707
>
> I see a low level out thats fine and obvious the rx line goes to
the
> antenna but.....
>
> how do you disable the PA so your not runnig full out ???
>
> Is there a way of disabling the PA??
>
> rgds
>
> Simon
>
Hi agn. Simon,
My earlier email may be misleading! The relay box that I describe is
for use with the transverter FTV-107R. I believe that the FTV-707
includes the relay box functions within the actual transverter.

73 de Ian - G8OFZ

368. Re: wanted FTV707

Yahoo group: FT-707
Date: 2006-09-23 13:15:36 UTC
From: Ian
Topic: 366 Message: 368

--- In FT-707@yahoogroups.com, "gm4plm" <gm4plm@...> wrote:
>
> I am still looking for an FTV707 with 144 option please!
>
> thanks
>
> Simon
>
Hi Simon,
Thereis one on eBay, ends in 7 days time see:
http://cgi.ebay.co.uk/ws/eBayISAPI.dll?
ViewItem&ih=013&item=230031290815&rd=1&sspagename=STRK%3AMEWA%
3AIT&rd=1

I have no connection with the seller - Thought about having a go for
it myself but don't really need it!

I believe to interconnect the FT707 & the transverter you need a
relay box FRB-707. See pages 1-12 & 1-13 of the FT707 Service Manual
for interconnection and a cct diagram of the relay box (not too
complicated.) Basically, when the transverter is activated the relay
box takes the 13.5V off of the PA. The transverter gets its RF (220mV
at 50 ohms impedance) from the "RF out" phono socket on the rear of
the FT707.

Hope that helps, Ian - G8OFZ.

369. Re: wanted FTV707

Yahoo group: FT-707
Date: 2006-09-24 10:22:32 UTC
From: gm4plm
Topic: 366 Message: 369

Thanks for the info

BTW I am also looking for a replacement mic for the FT707

one of the YM series would be fine

anyone have one??

--- In FT-707@yahoogroups.com, "Ian" <mcgowani@...> wrote:
>
> --- In FT-707@yahoogroups.com, "gm4plm" <gm4plm@> wrote:
> >
> > I am still looking for an FTV707 with 144 option please!
> >
> > thanks
> >
> > Simon
> >
> Hi Simon,
> Thereis one on eBay, ends in 7 days time see:
> http://cgi.ebay.co.uk/ws/eBayISAPI.dll?
> ViewItem&ih=013&item=230031290815&rd=1&sspagename=STRK%3AMEWA%
> 3AIT&rd=1
>
> I have no connection with the seller - Thought about having a go
for
> it myself but don't really need it!
>
> I believe to interconnect the FT707 & the transverter you need a
> relay box FRB-707. See pages 1-12 & 1-13 of the FT707 Service
Manual
> for interconnection and a cct diagram of the relay box (not too
> complicated.) Basically, when the transverter is activated the
relay
> box takes the 13.5V off of the PA. The transverter gets its RF
(220mV
> at 50 ohms impedance) from the "RF out" phono socket on the rear of
> the FT707.
>
> Hope that helps, Ian - G8OFZ.
>

370. File - Promoting our group

Yahoo group: FT-707
Date: 2006-10-01 19:50:19 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 370

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

371. YM-35 mic for sale

Yahoo group: FT-707
Date: 2006-09-25 02:29:45 UTC
From: kiddisjr
Topic: 371 Message: 371

This is the original hand mic included with the FT707 when purchased new. VGC. $29.95 shipped conus.

Ken
WB9YCJ
Contact me at KENNJD AT ADELPHIA DOT NET

372. 40 metre xtal, or details sought

Yahoo group: FT-707
Date: 2006-10-05 15:53:26 UTC
From: Ken
Topic: 372 Message: 372

Some plank has modded this rig to operate half a meg down from 40
metres,
the xtal is quite a bit larger than the others so its the obvious part?

Does anyone have the right one or has specs. for the lab to work from?
[I know you do] Ken (UK)

373. Re: [FT-707] 40 metre xtal, or details sought

Yahoo group: FT-707
Date: 2006-10-05 18:10:58 UTC
From: Kb3hg@aol.com
Topic: 372 Message: 373

40M XCO 21.4845 X3006 P/N H0102267 HC-18/U 21.4845 Mhz

Tom

[Non-text portions of this message have been removed]

374. Re: YM-35 mic for sale

Yahoo group: FT-707
Date: 2006-10-05 20:29:52 UTC
From: kiddisjr
Topic: 371 Message: 374

This mic is sold. 73, Ken

--- In FT-707@yahoogroups.com, "kiddisjr" <kennjd@...> wrote:
>
> This is the original hand mic included with the FT707 when purchased
> new. VGC. $29.95 shipped conus.
>
> Ken
> WB9YCJ
> Contact me at KENNJD AT ADELPHIA DOT NET
>

375. Re: YM-35 mic for sale

Yahoo group: FT-707
Date: 2006-10-07 18:20:40 UTC
From: Ken
Topic: 371 Message: 375

--- In FT-707@yahoogroups.com, "kiddisjr" <kennjd@...> wrote:
>
> This mic is sold. 73, Ken
>
Ken, Mike received all OK thanks Kenj
> >
>

376. Practical Wireless Review from 1981

Yahoo group: FT-707
Date: 2006-10-12 19:40:40 UTC
From: gw4rwr
Topic: 376 Message: 376

Hello '707 users,

I've uploaded three tif images to a folder in the Files section.
Perhaps some of you remember it?!

Regards from
GW4RWR

377. Re: Practical Wireless Review from 1981

Yahoo group: FT-707
Date: 2006-10-15 12:46:10 UTC
From: Ian
Topic: 376 Message: 377

--- In FT-707@yahoogroups.com, "gw4rwr" <gw4rwr@...> wrote:
>
> Hello '707 users,
>
> I've uploaded three tif images to a folder in the Files section.
> Perhaps some of you remember it?!
>
>
> Regards from
> GW4RWR
>
Hi OM,
I tried to look at the 3 TIFF files but without any luck. The
problem could well be mine, but maybe you could check them out.

Best regards, Ian G8OFZ.

378. Re: 40 metre xtal, or details sought

Yahoo group: FT-707
Date: 2006-10-23 14:13:30 UTC
From: Ken
Topic: 372 Message: 378

Tom,
I sincerly hope I thanked you, if not Thank you with appolagies for
delay. Kenj

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
> 40M XCO 21.4845 X3006 P/N H0102267 HC-18/U 21.4845 Mhz
>
> Tom
>
>
> [Non-text portions of this message have been removed]
>

379. Re: Practical Wireless Review from 1981

Yahoo group: FT-707
Date: 2006-10-23 17:33:16 UTC
From: andre_pe1hwo
Topic: 376 Message: 379

Ian, the tiff's open fine in the freeware program Irfanview.

http://www.irfanview.com/

73 André pe1hwo

--- In FT-707@yahoogroups.com, "Ian" <mcgowani@...> wrote:
>
> Hi OM,
> I tried to look at the 3 TIFF files but without any luck. The
> problem could well be mine, but maybe you could check them out.
>
> Best regards, Ian G8OFZ.
>

380. Re: Practical Wireless Review from 1981

Yahoo group: FT-707
Date: 2006-10-23 19:02:07 UTC
From: Ian
Topic: 376 Message: 380

--- Thanks Andre, Now that I,ve downloaded irfanview - no problems.

73 Ian - G8OFZ.

In FT-707@yahoogroups.com, "andre_pe1hwo" <pe1hwo@...> wrote:
>
> Ian, the tiff's open fine in the freeware program Irfanview.
>
> http://www.irfanview.com/
>
> 73 André pe1hwo
>
>
>
> --- In FT-707@yahoogroups.com, "Ian" <mcgowani@> wrote:
> >
> > Hi OM,
> > I tried to look at the 3 TIFF files but without any
luck. The
> > problem could well be mine, but maybe you could check them out.
> >
> > Best regards, Ian G8OFZ.
> >
>

381. Back up batteries

Yahoo group: FT-707
Date: 2006-10-27 18:30:57 UTC
From: Ken
Topic: 381 Message: 381

After aquiring a FV 707 DM with dead moulding batteries may I suggest you all check your batteries now, they seem to keep going even when leaking.

This is the third S/H item recently aquired that has mouldy festering holes where the batteries should be or mush- I am going to use coloured dots to prompt me when to re-new, Am I unique here? Kenj

382. Whilst I am here and still got your attention, What straight key do you use?

Yahoo group: FT-707
Date: 2006-10-29 23:00:32 UTC
From: Ken
Topic: 382 Message: 382

Should be for the Old timers section:-

Whilst I am here and got your attention, What/which bought or made

straight key do you happilly use?

and to really scratch your brain cells.....WHY!? Kenj...G6OWS

I am new to this mode so need all the best help I can get, and I think
its here.

383. subscribe

Yahoo group: FT-707
Date: 2006-10-31 01:04:00 UTC
From: pe1rea@amsat.org
Topic: 383 Message: 383

```
>subscribe

You are part of the family now.
```

384. File - Promoting our group

Yahoo group: FT-707
Date: 2006-11-01 19:35:49 UTC
From: FT-707@yahoogroups.com
Topic: 3 Message: 384

AUTOMATED MESSAGE
TO ALL GROUP MEMBERS

If you know other FT-707 users, don't hesitate to promote our group regularly.
The more we are, the better off our group will be; and that also means more support for YOU, the user.

Here's an example of an email that may be sent to other FT-707 users
- Auction winners
- Google searches under FT-707
- ARC and association members you know own the rig
- etc...

If you don't feel like inviting the person yourself, just send an email to ve1he@... with the email addresses of the people you'd like to invite and he (or another moderator) will do it for you.

Don't be shy. Do it.
They can only thank you for inviting them to join! I've received numerous thanks for inviting other group members. And most of all: It's free!
You may modify this template in any way you so desire to meet your needs.

* * *

Dear fellow FT-707 owner & ham,

We, at the FT-707 user's support believe our rigs are not brand new... but we love them just the same!!

This FREE user's group was created for the following reasons:

Since the FT-707 has been discontinued years ago by Yaesu-Musen, Yaesu Vertex no longer supports these radios. The FT-707 group members want to keep in touch with other 707 owners...

- share maintenance, upgrade and repair tips,
- exchange comments and concerns of general interest,
- get audio reports from other members,
- eventually establish a semi-annual FT-707 net on HF
- and more...

As an FT-707 owner, you are entitled to join this group.

Please be aware that only FT-707 related material will be considered for posting on this group. So rest easy knowing that spam will not reach you!

If you are interested in joining our FREE group, please click on
http://groups.yahoo.com/group/FT-707/ or send an email to FT-707-subscribe@yahoogroups.com

Thanks for your interest and hope to see you with us soon!

Respectfully,

The FT-707 internet users group.

* * *

385. Re: subscribe

Yahoo group: FT-707
Date: 2006-11-01 19:51:51 UTC
From: vathi9553
Topic: 383 Message: 385

--- In FT-707@yahoogroups.com, pe1rea@... wrote:
>
> >subscribe
>
> You are part of the family now.
>Hello Jim, thank you for youre respons

73,
Martin PD0LJZ

386. POWER UNIT PB2099-A

Yahoo group: FT-707
Date: 2006-11-04 03:17:41 UTC
From: vathi9553
Topic: 386 Message: 386

Dear members,

I there a member who can help me with the scheme/layout of the printboard PB2099-A (power unit)i cannot find it in the user manual perhaps it's a part of the service manual,because i have a general failure with the fine FT707(S)=QRP No TX-RX at all....
Thank you for any repons in advance.
73,
Martin PD0LJZ

387. What does FT-707 go for these days.

Yahoo group: FT-707
Date: 2006-11-04 05:48:54 UTC
From: Donald White
Topic: 387 Message: 387

Hi all,

I know you all love your 707's but I would appreciate an unbiased opinion from this expert group of what one of these radios in good operating condition should go for these days in the USA.

All input is appreciated.

73

Rick
KC6UNM

388. Re: POWER UNIT PB2099-A

Yahoo group: FT-707
Date: 2006-11-04 17:44:40 UTC
From: Ian
Topic: 386 Message: 388

--- Hi Martin,

I have emailed you direct with an attachment of the information that you seek. It is a 750Kb attachment so it will take a while to download.

All the Best, Ian - G8OFZ.

In FT-707@yahoogroups.com, "vathi9553" <pd0ljz@...> wrote:
>
> Dear members,
>
> I there a member who can help me with the scheme/layout of the
> printboard PB2099-A (power unit)i cannot find it in the user manual
> perhaps it's a part of the service manual,because i have a general
> failure with the fine FT707(S)=QRP No TX-RX at all....
> Thank you for any repons in advance.
> 73,
> Martin PD0LJZ
>

389. vendesi apparati

Yahoo group: FT-707
Date: 2006-11-15 08:19:38 UTC
From: Frank i8qhe
Topic: 389 Message: 389

Per cessata attività radioamatoriale

Vendo il seguente Materiale YEASU

Alimentatore FP 707

RTX FT 707

Accordatore d'antenna FC 707

Trasverter FTV 767

Tel. 0981-913744

[Non-text portions of this message have been removed]

390. Very nice site for Yaesu manuals and Service Manuals

Yahoo group: FT-707
Date: 2006-11-16 11:00:11 UTC
From: PD0LJZ
Topic: 390 Message: 390

Hi All,

Perhaps you all now, but it was a great help for me to repair my FT707S (S=QRP)10 Watt. With thanks to G8OFZ de IAN who give me assistance!
The site is http://foxtango.ham-radio-op.net

73, PD0LJZ Martin

391. Re: POWER UNIT PB2099-A

Yahoo group: FT-707
Date: 2006-11-20 14:25:10 UTC
From: PD0LJZ
Topic: 386 Message: 391

--- In FT-707@yahoogroups.com, "Ian" <mcgowani@...> wrote:
>
> --- Hi Martin,
>
> I have emailed you direct with an attachment of the information
that
> you seek. It is a 750Kb attachment so it will take a while to
> download.
>
> All the Best, Ian - G8OFZ.
>
> In FT-707@yahoogroups.com, "vathi9553" <pd0ljz@> wrote:
> >
> > Dear members,
> >
> > I there a member who can help me with the scheme/layout of the
> > printboard PB2099-A (power unit)i cannot find it in the user
manual
> > perhaps it's a part of the service manual,because i have a
general
> > failure with the fine FT707(S)=QRP No TX-RX at all....
> > Thank you for any repons in advance.
> > 73,
> > Martin PD0LJZ
> >
>Hi IAN,

Are you still on "the AIR" ??

73, Martin PD0LJZ

392. My FT-707 VE3MPG

Yahoo group: FT-707
Date: 2006-11-24 00:05:54 UTC
From: Bob
Topic: 392 Message: 392

Hi all,

Just joined the group a few days ago but found the answer to the problem with my FT707 display. I re-seated all of the connections on the counter board and now the display is rock steady and readable.

Before the display above 30m was gibberish. The rig had been stored for many many years in its original packaging - not a mark on it - in pristine condition except for this problem. The rig included the tuner and matching power supply. Still looking for a original microphone but am using an Astatic Silver Eagle with it for the time being.

The rig is in my station along with an FT100, and an FT817. These Yaesus seem to last a awhile. The FT707 sold for about $1199CDN in 1980.

Regards to all,

73 de OM Bob VE3MPG

393. Thank you PE1REA

Yahoo group: FT-707
Date: 2006-12-04 17:25:08 UTC
From: VE1HE
Topic: 393 Message: 393

This is a quick message from all of us members of the FT-707 Yahoo Group list to take the time to thank JW, PE1REA for so nicely moderating our list.

Most members are unaware of his work, but because he does this as a public service, we still have a spam-free forum.

Thank you so much for your great work JW.

Pierre, VE2EBP (formerly VE1HE)

394. Re: Thank you PE1REA

Yahoo group: FT-707
Date: 2006-12-04 18:30:37 UTC
From: pe1rea
Topic: 393 Message: 394

--- In FT-707@yahoogroups.com, "VE1HE" <ve1he@...> wrote:
>
> This is a quick message from all of us members of the FT-707 Yahoo
> Group list to take the time to thank JW, PE1REA for so nicely
> moderating our list.
>
> Most members are unaware of his work, but because he does this as a
> public service, we still have a spam-free forum.
>
> Thank you so much for your great work JW.
>
> Pierre, VE2EBP (formerly VE1HE)

Pfoei, I'm slowly glowing red.
It is nothing more than every morning and evening checking my mail,
and visit the site.
But, I do it with pleasure. :-)

Jim, PE1REA

395. Re: Thank you PE1REA

Yahoo group: FT-707
Date: 2006-12-04 18:57:29 UTC
From: Ian
Topic: 393 Message: 395

--- In FT-707@yahoogroups.com, "pe1rea" <pe1rea@...> wrote:
>
> --- In FT-707@yahoogroups.com, "VE1HE" <ve1he@> wrote:
> >
> > This is a quick message from all of us members of the FT-707 Yahoo
> > Group list to take the time to thank JW, PE1REA for so nicely
> > moderating our list.
> >
> > Most members are unaware of his work, but because he does this as
a
> > public service, we still have a spam-free forum.
> >
> > Thank you so much for your great work JW.
> >
> > Pierre, VE2EBP (formerly VE1HE)
>
> Pfoei, I'm slowly glowing red.
> It is nothing more than every morning and evening checking my mail,
> and visit the site.
> But, I do it with pleasure. :-)
>
> Jim, PE1REA
>
I'd like to add my thanks also Jim. I don't post on the site very
often but I do monitor it constantly; its a pleasure to belong to
such an efficiently moderated group.

73 de Ian - G8OFZ.

396. Great tips by G3LLL

Yahoo group: FT-707
Date: 2006-12-08 21:32:44 UTC
From: pe1hwo
Topic: 396 Message: 396

Hi all,

In Radcom of november 2006 from page 76-80 there is a great article by Harry G3LLL with information to keep our old rigs alive.
In Pratical Wireless december 2006 page 40-41 (also by Harry) there is a smaller article covering simulair issues.

The major tip is that some vfo problems are cured simply by removing the rubbery glue on the parts inside of the vfo unit. This removing is done by applying heat and cold, then picking with pliers.

Hope this is useful.

73 Andr? pe1hwo

397. trying to locate parts

Yahoo group: FT-707
Date: 2006-12-10 20:33:29 UTC
From: grumpyolprick
Topic: 397 Message: 397

Can anyone tell me where i could purchase a SN76514 balanced mixer ic preferably on line cheers and thanks in advance

398. Reply: trying to locate parts I think its obsolete could be wrong ??

Yahoo group: FT-707
Date: 2006-12-11 09:48:31 UTC
From: gee3yrq
Topic: 397 Message: 398

--- In FT-707@yahoogroups.com, "grumpyolprick" <grumpyolprick@...>
wrote:
>
> Can anyone tell me where i could purchase a SN76514 balanced mixer ic
> preferably on line cheers and thanks in advance
>
this is a mixer chip, if its the one with 14 pins, looks like a dual
in line IC ?? Sadly its been obsolete for a number of years, the
equivelent is the TL 442 CN, which is also obsolete.I'd be interested
to if you can get a replacement ? 73 de ian g3yrq.

399. Re: Reply: trying to locate parts I think its obsolete could be wrong ??

Yahoo group: FT-707
Date: 2006-12-11 18:23:09 UTC
From: Ian
Topic: 397 Message: 399

Try this link guys:

http://www.1sourcecomponents.com/partinfo/SN76514.htm

73 Ian - G8OFZ.

--- In FT-707@yahoogroups.com, "gee3yrq" <gee3yrq@...> wrote:
>
> --- In FT-707@yahoogroups.com, "grumpyolprick" <grumpyolprick@>
> wrote:
> >
> > Can anyone tell me where i could purchase a SN76514 balanced mixer
ic
> > preferably on line cheers and thanks in advance
> >
> this is a mixer chip, if its the one with 14 pins, looks like a dual
> in line IC ?? Sadly its been obsolete for a number of years, the
> equivelent is the TL 442 CN, which is also obsolete.I'd be interested
> to if you can get a replacement ? 73 de ian g3yrq.
>

400. Re: [FT-707] Reply: trying to locate parts I think its obsolete could be wrong ??

Yahoo group: FT-707
Date: 2006-12-11 20:57:28 UTC
From: Mark Robinson
Topic: 397 Message: 400

Might try this address, seems the Sn76514 and the MC1496P preform the same function. pin out my be slightly different.

http://www.bdent.com/search/part.jsp?partnum=MC1496P

gee3yrq <gee3yrq@...> wrote:
--- In FT-707@yahoogroups.com, "grumpyolprick" <grumpyolprick@...>
wrote:
>
> Can anyone tell me where i could purchase a SN76514 balanced mixer ic
> preferably on line cheers and thanks in advance
>
this is a mixer chip, if its the one with 14 pins, looks like a dual
in line IC ?? Sadly its been obsolete for a number of years, the
equivelent is the TL 442 CN, which is also obsolete.I'd be interested
to if you can get a replacement ? 73 de ian g3yrq.

Everyone is raving about the all-new Yahoo! Mail beta.

[Non-text portions of this message have been removed]

401. RADIOTELEGRAFIA E IL SUO RITORNO

Yahoo group: FT-707
Date: 2006-12-15 12:26:28 UTC
From: Frank i8qhe
Topic: 401 Message: 401

Quanto si legge su Radiogiornale 168 per chi non lo riceve Buon Natale de i8qhe Frank
RADIOTELEGRAFIA E IL SUO RITORNO

HO PROVE PIU' CHE CONCRETE, CHA LA RADIOTELEGRAFIA E' OGGETTO DI GRANDE ATTENZIONE DA PARTE DI RADIOAMATORI DI OGNI ETA'. LA COSA STUPEFACENTE E' CHE TANTI IW FANNO NOTARE CHE LA PROVE PRATICHE DOVEVANO RESTARE MATERIA D'ESAME. INOLTRE, TANTI RADIOAMATORI CHE TANTI ANNI FA AVEVANO LASCIATO TUTTO DOPO AVER SUPERATO GLI ESAMI PER OTTENERE PATENTE E LICENZA DI CLASSE "A", VOGLIONO RITORNARE SUI LORO PASSI PER POTERSI ADDESTRARE E COSI' PRATICARE LA RADIOTELEGRAFIA, NOBILE ARTE.

SI STANNO CREANDO GRUPPI E SEZIONI E ALTRE INIZIATIVE, PRO RADIOTELEGRAFIA, CERTAMENTE OTTIME, E SPERO CHE SIANO IN TANTI AD INTERESSARSI CON PASSIONE E VOLONTA' NEL SEGUIRE QUESTO OTTIMO SISTEMA DI COMUNICAZIONE CHE, PURTROPPO, MOLTI VORREBBERO PRATICARE, MA NON LO FANNO PER PIGRIZIA.

INUTILE PARLARE DEI VANTAGGI CHE SI OTTENGONO OPERANDO IN RADIOTELEGRAFIA, ANCHE SE ALCUNI MODERNISSIMI CONGEGNI PERMETTONO DI COMPIERE DELLE OPERAZIONI CHE A ME NON VANNO A GENIO. MA, POI, OGNUNO SI COMPORTA COME CREDE.

PER QUANTO MI RIGUARDA, MI SONO ATTIVATO IN QUESTO MODO:

TUTTI I SABATI E DOMENICHE, DALLE ORE 0930 ALLE 1200 (CONTEST PERMETTENDO) CHIAMO SULLA FREQUENZA 7005/7010 PER SVOLGERE ATTIVITA' IN QRS, BASSA VELOCITA', E DICO CHE CI SONO DEI SEGUACI MOLTO ATTIVI. E' UTILE ASCOLTARE, ANCHE SE NON SI E' ANCORA PREPARATI E NEL MOMENTO IN CUI SI CREDE DI POTER PRENDERE PARTE, BASTA CHIAMARE O TRASMETTERE IL PROPRIO NOMINATIVO ED IO CERCHERO' DI ESTRARLO....DAL QRM E DIRO' AS AS (SEMPRE COL TASTO....).

PER INFORMAZIONI PIU' DETTAGLIATE, MANDATEMI UNA MAIL O TELEFONATE: E-MAIL elbugg@... o t.080 4593200.

E' TUTTO. 73 E A PRESTO, OSCAR I7OHP.-

[Non-text portions of this message have been removed]

402. Re: [FT-707] Re: FT707 and transverter

Yahoo group: FT-707
Date: 2006-12-21 04:34:14 UTC
From: D. Yudistira
Topic: 365 Message: 402

I have one of these FTV-707 work with 144Mhz 10w Approx. The connection is very simple attach the RF cable from RF out on the back of FT 707, Then attach the jumper form FT707 to The FTV input, then attach the HF Coaxial to HF out and VHF Coaxial to VHF out. Very Simple

regards,

Yudhistira
91SD251

----- Original Message ----
From: Ian <mcgowani@...>
To: FT-707@yahoogroups.com
Sent: Saturday, September 23, 2006 8:40:46 PM
Subject: [FT-707] Re: FT707 and transverter

--- In FT-707@yahoogroups. com, "gm4plm" <gm4plm@...> wrote:
>
> Hi all
>
> I cannot see in the manual how to connect a tvtr to the FT707
>
> I see a low level out thats fine and obvious the rx line goes to
the
> antenna but.....
>
> how do you disable the PA so your not runnig full out ???
>
> Is there a way of disabling the PA??
>
> rgds
>
> Simon
>
Hi agn. Simon,
My earlier email may be misleading! The relay box that I describe is
for use with the transverter FTV-107R. I believe that the FTV-707
includes the relay box functions within the actual transverter.

73 de Ian - G8OFZ

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

403. Re: FT707 and transverter

Yahoo group: FT-707
Date: 2006-12-21 11:59:28 UTC
From: Terry Baldwin
Topic: 365 Message: 403

I have one of the relay boxes , I thought they were for interfacing a Linear amp as well , if anybody's interested I'll and find the paperwork.

Regards Terry
G4UEM

I have one of these FTV-707 work with 144Mhz 10w Approx. The connection is very simple attach the RF cable from RF out on the back of FT 707, Then attach the jumper form FT707 to The FTV input, then attach the HF Coaxial to HF out and VHF Coaxial to VHF out. Very Simple

regards,

Yudhistira
91SD251

----- Original Message ----
From: Ian <mcgowani@...>
To: FT-707@yahoogroups.com
Sent: Saturday, September 23, 2006 8:40:46 PM
Subject: [FT-707] Re: FT707 and transverter

--- In FT-707@yahoogroups. com, "gm4plm" <gm4plm@...> wrote:
>
> Hi all
>
> I cannot see in the manual how to connect a tvtr to the FT707
>
> I see a low level out thats fine and obvious the rx line goes to
the
> antenna but.....
>
> how do you disable the PA so your not runnig full out ???
>
> Is there a way of disabling the PA??
>
>

rgds
>
> Simon
>
Hi agn. Simon,
My earlier email may be misleading! The relay box that I describe is
for use with the transverter FTV-107R. I believe that the FTV-707
includes the relay box functions within the actual transverter.

73 de Ian - G8OFZ

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

404. FT707 rf power board

Yahoo group: FT-707
Date: 2006-12-23 22:27:11 UTC
From: IF YOUR NICE I MAY TELL YOU
Topic: 404 Message: 404

HI all i am looking for a rf powerboard for a 707.When I got the radio the board was not in it.If you have one let me know and Merry Christmas to all.73's

405. FT-707 fault

Yahoo group: FT-707
Date: 2007-01-06 12:15:29 UTC
From: Michel van der Walle
Topic: 405 Message: 405

Hi,
I have a FT-707 that has develloped the following fault.
It has NO receive on 40 Meters ONLY.
All other bands are OK.
Anybody on this forum that might have some idea.
The oscillator on the 40 Meter Band seems to work OK, Checked with a CRO.
Anybody else has come accross this problem ???

Michel vk3kvw

[Non-text portions of this message have been removed]

406. Re: FT-707 fault

Yahoo group: FT-707
Date: 2007-01-08 10:02:46 UTC
From: robialbion
Topic: 405 Message: 406

Looking forward to more on this, mine is on loan to a friend at the moment but I have only just (when I was 'showing him around' it) discovered 10 metres band B has stopped receiving and the digital readout was going haywire showing if i remember correctly 37.xxxMHz.
Oh good! I thought!!!
Rob 2E0RZD

--- In FT-707@yahoogroups.com, "Michel van der Walle" <vk3kvw@...> wrote:
>
> Hi,
> I have a FT-707 that has develloped the following fault.
> It has NO receive on 40 Meters ONLY.
> All other bands are OK.
> Anybody on this forum that might have some idea.
> The oscillator on the 40 Meter Band seems to work OK, Checked with a CRO.
> Anybody else has come accross this problem ???
>
> Michel vk3kvw
>
>
>
> [Non-text portions of this message have been removed]
>

407. Possible XTAL source for the FT-707

Yahoo group: FT-707
Date: 2007-01-13 12:22:47 UTC
From: Kb3hg@aol.com
Topic: 407 Message: 407

Greetings all,
I have been cleaning out old book marks and ran across
this one I had saved. I recall reading several questions about who or where and
what type xtals are in the rig. Hoping it may be of use to you.
73,
Tom Kb3hg

http://www.kenselectronics.com/lists/cbxtal.htm
(http://www.kenselectronics.com/lists/cbxtal.htm)

Ken's Electronics 2825 Lake Street Kalamazoo, MI 49048-5807 United
States of America

[Non-text portions of this message have been removed]

408. MODE CW

Yahoo group: FT-707
Date: 2007-02-15 10:12:31 UTC
From: Frank i8qhe via libero.it
Topic: 408 Message: 408

Vorrei prendere contatto con chi usa ft 707 in CW

IO NON CI RIESCO
Grazie de i8qhe

[Non-text portions of this message have been removed]

409. MODE CW

Yahoo group: FT-707
Date: 2007-02-15 11:29:52 UTC
From: Frank i8qhe via cheapnet
Topic: 408 Message: 409

Vorrei prendere contatto con chi usa ft 707 in CW

IO NON CI RIESCO
Grazie de i8qhe
i8qhe@...

[Non-text portions of this message have been removed]

410. FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-17 20:27:53 UTC
From: ts530strio
Topic: 410 Message: 410

Have just obtained a FT 707 which is supposed to have a TX fault.
However it came without table/hand mike. Which PTT hand mic will suit
given that it is 8 pin connector - not worried about tone control or
up/down on it, even if the set supports that, just that it works on PTT.

Thanks

Brian

411. Re: FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-18 15:54:59 UTC
From: Ian
Topic: 410 Message: 411

Hi Brian,
I can guarantee that either the Yaesu YM-35 or the MH-1B8
mics work perfectly. Take a look at page 1 - 7 of the manual (available
as a pdf file in the files section of this site if you don't have a
hard copy)for pinouts and more suitable mics.

You may not know that the front panel "MOX" switch also performs
tha PTT function in all speech modes - useful for RF testing without a
mic pluged in.

73 Ian.

--- In FT-707@yahoogroups.com, "ts530strio" <heathfield@...> wrote:
>
> Have just obtained a FT 707 which is supposed to have a TX fault.
> However it came without table/hand mike. Which PTT hand mic will suit
> given that it is 8 pin connector - not worried about tone control or
> up/down on it, even if the set supports that, just that it works on
PTT.
>
> Thanks
>
> Brian
>

412. Re: [FT-707] FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-18 09:47:29 UTC
From: Ken Jones
Topic: 410 Message: 412

No sooner requested.....

ts530strio <heathfield@...> wrote:
Have just obtained a FT 707 which is supposed to have a TX fault.
However it came without table/hand mike. Which PTT hand mic will suit
given that it is 8 pin connector - not worried about tone control or
up/down on it, even if the set supports that, just that it works on PTT.

Thanks

Brian

Want to start your own business? Learn how on Yahoo! Small Business.

[Non-text portions of this message have been removed]

413. Re - FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-19 23:15:57 UTC
From: ts530strio
Topic: 413 Message: 413

Thanks to Ian & Ken, posts 411 & 412. I now have the nmanual and am pleased with the guarantee re mics. I have now determined that there is too much sensitivity and adjusment is needed on the Antitrip - VR3003. I hope that is the only 'fault'

Regards

Brian

414. RE: [FT-707] Re - FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-20 08:40:25 UTC
From: Krause, Harold
Topic: 413 Message: 414

Hello All,

Can somebody help me with the problem I am having with my FT707 ?

The radio after a few minutes of TX automatically activates the ""F I X"" frequency on the radio band switch and I cannot do anything but switch off and try again later on.

This phenomena is also TOTALLY random at any given time.

Best 73

Harold

ZS6CAR

NB please respond direct to my E-Mail address

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of ts530strio
Sent: Tuesday, February 20, 2007 1:16 AM
To: FT-707@yahoogroups.com
Subject: [FT-707] Re - FT 707 not transmitting

Thanks to Ian & Ken, posts 411 & 412. I now have the nmanual and am pleased with the guarantee re mics. I have now determined that there is too much sensitivity and adjusment is needed on the Antitrip - VR3003. I hope that is the only 'fault'

Regards

Brian

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[Non-text portions of this message have been removed]

415. Re: [FT-707] FIX troubles

Yahoo group: FT-707
Date: 2007-02-20 18:06:25 UTC
From: pe1hwo
Topic: 415 Message: 415

Hi Harold,

In the past I found that problems with the FIX switch were solved when it was bypassed. (see also page 3-63 in service manual). Oxide on switchcontacts (as in relays) can also gives these problems.

73 Andr? pe1hwo

----- Original Message -----
To: <FT-707@yahoogroups.com>
Sent: Tuesday, February 20, 2007 9:40 AM
Subject: RE: [FT-707] Re - FT 707 not transmitting

> Hello All,
>
> Can somebody help me with the problem I am having with my FT707 ?
>
> The radio after a few minutes of TX automatically activates the ""F I
> X"" frequency on the radio band switch and I cannot do anything but
> switch off and try again later on.
>
> This phenomena is also TOTALLY random at any given time.
>
> Best 73
>
> Harold
>
> ZS6CAR
>
>
>
> NB please respond direct to my E-Mail address

416. Re: FT-707 fault

Yahoo group: FT-707
Date: 2007-02-23 19:53:52 UTC
From: kb7js
Topic: 405 Message: 416

Typically, when an FT-707 fails to recieve on a single band, the LO crystal for the 40m band and/or it's associated tuned circuit is not working. The tuned ciruit will drift with age, so it may be possible that all you need to do is peak the circuit for the 40 meter crystal. However, if this fails, I would investigate the possibility that the crystal has simply died. Last, and worst of all, is the possibility that a portion of the band switch for the 40 meter band has failed. If the switch is actually broken, versus a broken wire, then I am affraid you may be in big trouble since these switches are no longer available.

Let me know how your troubleshooting goes on this and I may be able to help.

Regards
Dave
KB7JS

--- In FT-707@yahoogroups.com, "robialbion" <robialbion@...> wrote:
>
> Looking forward to more on this, mine is on loan to a friend at the
> moment but I have only just (when I was 'showing him around' it)
> discovered 10 metres band B has stopped receiving and the digital
> readout was going haywire showing if i remember correctly
37.xxxMHz.
> Oh good! I thought!!!
> Rob 2E0RZD
>
> --- In FT-707@yahoogroups.com, "Michel van der Walle" <vk3kvw@>
> wrote:
> >
> > Hi,
> > I have a FT-707 that has develloped the following fault.
> > It has NO receive on 40 Meters ONLY.
> > All other bands are OK.
> > Anybody on this forum that might have some idea.
> > The oscillator on the 40 Meter Band seems to work OK, Checked
with
> a CRO.
> > Anybody else has come accross this problem ???
> >
> > Michel vk3kvw
> >
> >
> >
> > [Non-text portions of this message have been removed]

> >
>

417. Re: Re - FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-25 02:42:22 UTC
From: kb7js
Topic: 413 Message: 417

Harold

Here is a bit of a technical description, hopefully it will be of help to you.

I have refurbished or completely re-built 23 different FT-707's over the years, and this is a very common problem. Your problem could be caused by a dirty switch, but I have also encountered many cases where the pins on each of the connections to all of the boards can become oxidized, causing intermittent connections that often manifest with changes in temperature. The best remedy for all of these problems is to de-oxidize the contacts using a product like DeOxit. To do this, carefully un-plug each connector on the AF, IF and RF boards and lightly apply the liquid to both sides of the pins using a Q-Tip. To apply the solution to the switch, it is best to have the switch unit out of the radio, but on the FT-707, that is pretty major surgery. You may be able to get a small drop of solution into the switch using a syringe.

One side of the "FIX" switch provides 8volt signal FIX to the AF unit on Pin 2 of J3003(P12), and provides collector bias for transistor Q23 and Q24, which enables the fixed frequency crystal for the current band. This same side of the switch also provides bias to illuminate the "FIX" LED on the display.

The other side of the "FIX" switch provides the 8volt signal "VFOFIX8V" to Pin 5 of J1005(P6) on the RF board, and to Pin 5 on the VFO Unit Accessory plug. This signal disables the VFO input on the RF Board and enables the FIX crystal input on Pin 10 of J1005 (P6), which comes from Pin 3, J3003(P13) on the AF board.

These steps may solve your problem, but if the problem persists, I would look further at the RF board, specifically diodes P44 and P45 (early RF board PB-2093) or D57/D58 (late model RF board PB-2201). To troubleshoot the problem you are having, I would check for 8 volts at Pin 10 of J1005 on the RF board, which is applied to the diodes to enable the FIX signal input.

Let me know if I can provide any further advice.

Regards

Dave
KB7JS

--- In FT-707@yahoogroups.com, "Krause, Harold" <Harold.Krause@...> wrote:

>
> Hello All,
>
> Can somebody help me with the problem I am having with my FT707 ?
>
> The radio after a few minutes of TX automatically activates
the ""F I
> X"" frequency on the radio band switch and I cannot do anything but
> switch off and try again later on.
>
> This phenomena is also TOTALLY random at any given time.
>
> Best 73
>
> Harold
>
> ZS6CAR
>
>
>
> NB please respond direct to my E-Mail address
>
>
>
> ---
>
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On
Behalf
> Of ts530strio
> Sent: Tuesday, February 20, 2007 1:16 AM
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re - FT 707 not transmitting
>
>
>
> Thanks to Ian & Ken, posts 411 & 412. I now have the nmanual and am
> pleased with the guarantee re mics. I have now determined that
there
> is too much sensitivity and adjusment is needed on the Antitrip -
> VR3003. I hope that is the only 'fault'
>
> Regards
>
> Brian
>
>
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>
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> from your system. Thank you.
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> [Non-text portions of this message have been removed]
>

418. Re: FT-707 fault

Yahoo group: FT-707
Date: 2007-02-25 02:49:30 UTC
From: kb7js
Topic: 405 Message: 418

Michel

Typically, when an FT-707 fails to recieve on a single band like yours, the LO crystal for the band and/or it's associated tuned circuit on the AF board is not working.

The tuned ciruit will drift with age, so it may be possible that all you need to do is peak the circuit for the 40 meter crystal (T3005 on the AF board). However, if this fails, I would investigate the possibility that the crystal has simply died.

Last, and worst of all, is the possibility that a portion of the band switch for the 40 meter band has failed. If the switch is actually broken, versus a broken wire, then I am affraid you may be in big trouble since these switches are no longer available. I have two, both used, that may be usable if you get into this dire situation.

Let me know how your troubleshooting goes on this and if I may be able to help.

Regards
Dave
KB7JS

--- In FT-707@yahoogroups.com, "Michel van der Walle" <vk3kvw@...>
wrote:
>
> Hi,
> I have a FT-707 that has develloped the following fault.
> It has NO receive on 40 Meters ONLY.
> All other bands are OK.
> Anybody on this forum that might have some idea.
> The oscillator on the 40 Meter Band seems to work OK, Checked with
a CRO.
> Anybody else has come accross this problem ???
>
> Michel vk3kvw
>
>
>
> [Non-text portions of this message have been removed]
>

419. RE: [FT-707] Re: Re - FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-02-26 05:23:34 UTC
From: Krause, Harold
Topic: 413 Message: 419

Hello Dave,

Many thanks for the information. I only received the mail today 26/02/2007 at 0645 and will open the radio on Friday as I will be away on business at the Natal South Coast.

I do not have a workshop manual for the radio and generally my electronic knowledge allows me "" Only to paint by numbers "" Hi Hi.

I purchased my radio brand new when the first lot came out and it was the seventh one sold in Johannesburg. Obviously the radio has worked very hard during this time . Also as you can see from my call sign I do a lot of mobile work. Upon calculation the radio has travelled just over 1.2 million Km (approx 745645 miles) and during this time have worked my DXCC (Unconfirmed) both mobile and base with this radio.

Have a look at the site QRZ.COM and type in my call for more info.

Once again many thanks for your help and will report back to you as to the findings.

Best 73

Harold

ZS6CAR

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of kb7js
Sent: Sunday, February 25, 2007 4:42 AM
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: Re - FT 707 not transmitting

Harold

Here is a bit of a technical description, hopefully it will be of help to you.

I have refurbished or completely re-built 23 different FT-707's over the years, and this is a very common problem. Your problem could be caused by a dirty switch, but I have also encountered many cases where the pins on each of the connections to all of the boards can become oxidized, causing intermittent connections that often manifest with changes in temperature. The best remedy for all of these problems is to de-oxidize the contacts using a product like DeOxit. To do this, carefully un-plug each connector on the AF, IF

and RF boards and lightly apply the liquid to both sides of the pins using a Q-Tip. To apply the solution to the switch, it is best to have the switch unit out of the radio, but on the FT-707, that is pretty major surgery. You may be able to get a small drop of solution into the switch using a syringe.

One side of the "FIX" switch provides 8volt signal FIX to the AF unit on Pin 2 of J3003(P12), and provides collector bias for transistor Q23 and Q24, which enables the fixed frequency crystal for the current band. This same side of the switch also provides bias to illuminate the "FIX" LED on the display.

The other side of the "FIX" switch provides the 8volt signal "VFOFIX8V" to Pin 5 of J1005(P6) on the RF board, and to Pin 5 on the VFO Unit Accessory plug. This signal disables the VFO input on the RF Board and enables the FIX crystal input on Pin 10 of J1005 (P6), which comes from Pin 3, J3003(P13) on the AF board.

These steps may solve your problem, but if the problem persists, I would look further at the RF board, specifically diodes P44 and P45 (early RF board PB-2093) or D57/D58 (late model RF board PB-2201). To troubleshoot the problem you are having, I would check for 8 volts at Pin 10 of J1005 on the RF board, which is applied to the diodes to enable the FIX signal input.

Let me know if I can provide any further advice.

Regards

Dave
KB7JS

--- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com> ,
"Krause, Harold" <Harold.Krause@...>
wrote:
>
> Hello All,
>
> Can somebody help me with the problem I am having with my FT707 ?
>
> The radio after a few minutes of TX automatically activates
the ""F I
> X"" frequency on the radio band switch and I cannot do anything but
> switch off and try again later on.
>
> This phenomena is also TOTALLY random at any given time.
>
> Best 73
>
> Harold
>
> ZS6CAR

>
>
>
> NB please respond direct to my E-Mail address
>
>
>
> _____
>
> From: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
[mailto:FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>] On
Behalf
> Of ts530strio
> Sent: Tuesday, February 20, 2007 1:16 AM
> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> Subject: [FT-707] Re - FT 707 not transmitting
>
>
>
> Thanks to Ian & Ken, posts 411 & 412. I now have the nmanual and am
> pleased with the guarantee re mics. I have now determined that
there
> is too much sensitivity and adjusment is needed on the Antitrip -
> VR3003. I hope that is the only 'fault'
>
> Regards
>
> Brian
>
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> from your system. Thank you.
>
>

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[Non-text portions of this message have been removed]

420. QST Review - FT-707

Yahoo group: FT-707
Date: 2007-03-14 11:50:20 UTC
From: uu4jey_andy
Topic: 420 Message: 420

```
Hello!
I want to buy FT-707. I want to collect all information about
this TRX. Somebody can send me the review of FT-707 from QST?
73! Andy, UU4JEY
E-mail: uu4jey@... or uu4jey_andy@...
```

421. Re: QST Review - FT-707

Yahoo group: FT-707
Date: 2007-03-17 19:35:49 UTC
From: Ian
Topic: 420 Message: 421

Hi Andy,
The "QST" review, and the "Practical Wireless" review are both
available for download from the "Files" section of this site.

73 de Ian - G8OFZ.

--- In FT-707@yahoogroups.com, "uu4jey_andy" <uu4jey_andy@...> wrote:
>
> Hello!
> I want to buy FT-707. I want to collect all information about
> this TRX. Somebody can send me the review of FT-707 from QST?
> 73! Andy, UU4JEY
> E-mail: uu4jey@... or uu4jey_andy@...
>

422. Re: Re - FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-03-22 05:28:41 UTC
From: kb7js
Topic: 413 Message: 422

Harold

Hello again. Just thought I would check back to see if you are
still having problems with your FT-707.

Regards

Dave
KB7JS
--- In FT-707@yahoogroups.com, "Krause, Harold" <Harold.Krause@...>
wrote:
>
> Hello Dave,
>
> Many thanks for the information. I only received the mail today
> 26/02/2007 at 0645 and will open the radio on Friday as I will be
away
> on business at the Natal South Coast.
>
> I do not have a workshop manual for the radio and generally my
> electronic knowledge allows me "" Only to paint by numbers "" Hi
Hi.
>
> I purchased my radio brand new when the first lot came out and it
was
> the seventh one sold in Johannesburg. Obviously the radio has
worked
> very hard during this time . Also as you can see from my call sign
I do
> a lot of mobile work. Upon calculation the radio has travelled
just over
> 1.2 million Km (approx 745645 miles) and during this time have
worked
> my DXCC (Unconfirmed) both mobile and base with this radio.
>
> Have a look at the site QRZ.COM and type in my call for more info.
>
> Once again many thanks for your help and will report back to you
as to
> the findings.
>
> Best 73
>
> Harold
>
> ZS6CAR

>
>
>
> _____
>
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On
Behalf
> Of kb7js
> Sent: Sunday, February 25, 2007 4:42 AM
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re: Re - FT 707 not transmitting
>
>
>
> Harold
>
> Here is a bit of a technical description, hopefully it will be of
> help to you.
>
> I have refurbished or completely re-built 23 different FT-707's
over
> the years, and this is a very common problem. Your problem could
be
> caused by a dirty switch, but I have also encountered many cases
> where the pins on each of the connections to all of the boards can
> become oxidized, causing intermittent connections that often
> manifest with changes in temperature. The best remedy for all of
> these problems is to de-oxidize the contacts using a product like
> DeOxit. To do this, carefully un-plug each connector on the AF, IF
> and RF boards and lightly apply the liquid to both sides of the
pins
> using a Q-Tip. To apply the solution to the switch, it is best to
> have the switch unit out of the radio, but on the FT-707, that is
> pretty major surgery. You may be able to get a small drop of
> solution into the switch using a syringe.
>
> One side of the "FIX" switch provides 8volt signal FIX to the AF
> unit on Pin 2 of J3003(P12), and provides collector bias for
> transistor Q23 and Q24, which enables the fixed frequency crystal
> for the current band. This same side of the switch also provides
> bias to illuminate the "FIX" LED on the display.
>
> The other side of the "FIX" switch provides the 8volt
> signal "VFOFIX8V" to Pin 5 of J1005(P6) on the RF board, and to
Pin
> 5 on the VFO Unit Accessory plug. This signal disables the VFO
input
> on the RF Board and enables the FIX crystal input on Pin 10 of
J1005
> (P6), which comes from Pin 3, J3003(P13) on the AF board.

>
> These steps may solve your problem, but if the problem persists, I
> would look further at the RF board, specifically diodes P44 and
P45
> (early RF board PB-2093) or D57/D58 (late model RF board PB-2201).
> To troubleshoot the problem you are having, I would check for 8
> volts at Pin 10 of J1005 on the RF board, which is applied to the
> diodes to enable the FIX signal input.
>
> Let me know if I can provide any further advice.
>
> Regards
>
> Dave
> KB7JS
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com> ,
> "Krause, Harold" <Harold.Krause@>
> wrote:
> >
> > Hello All,
> >
> > Can somebody help me with the problem I am having with my FT707 ?
> >
> > The radio after a few minutes of TX automatically activates
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> > X"" frequency on the radio band switch and I cannot do anything
but
> > switch off and try again later on.
> >
> > This phenomena is also TOTALLY random at any given time.
> >
> > Best 73
> >
> > Harold
> >
> > ZS6CAR
> >
> >
> >
> > NB please respond direct to my E-Mail address
> >
> >
> >
> > _____
> >
> > From: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> [mailto:FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>]
On
> Behalf

> > Of ts530strio
> > Sent: Tuesday, February 20, 2007 1:16 AM
> > To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> > Subject: [FT-707] Re - FT 707 not transmitting
> >
> >
> >
> > Thanks to Ian & Ken, posts 411 & 412. I now have the nmanual and
am
> > pleased with the guarantee re mics. I have now determined that
> there
> > is too much sensitivity and adjusment is needed on the Antitrip -
> > VR3003. I hope that is the only 'fault'
> >
> > Regards
> >
> > Brian
> >
> >
> >
> >
> >
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>
> [Non-text portions of this message have been removed]
>

423. RE: [FT-707] Re: Re - FT 707 not transmitting

Yahoo group: FT-707
Date: 2007-03-23 04:49:30 UTC
From: Krause, Harold
Topic: 413 Message: 423

Hello Dave,

Co-incidence is rife at this moment in time as I have just returned from a business trip and your E-Mail was there.

No I have not been able to tackle the rig yet but I will certainly come back to you as soon as I have and will let you know what's happening.

I passed the word around on 2 metres as to the good info you gave me and behold there were two others with the same problem , sent them a fax copy of the info and have not had the opportunity to date, to find out if their's have been rectified.

Best 73

Harold

(ZS6CAR)

Harold Krause

Welding Inspector S.A.I.W. 273

QA / QC Inspector

Sulzer (South Africa) (Pty) Limited

Private Bag X23, Elandsfontein, 1406, RSA

Tel. +27 (0)11 820 6122

Fax +27 (0)11 820 6202

Fax to PC (0)86 6311252

Cellphone. +27 (0)82 773 8398

E-mail mailto:harold.krause@... <mailto:harold.krause@...>

Internet http://wwww.sulzerpumps.com

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of kb7js
Sent: Thursday, March 22, 2007 7:29 AM
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: Re - FT 707 not transmitting

Harold

Hello again. Just thought I would check back to see if you are
still having problems with your FT-707.

Regards

Dave
KB7JS
--- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com> ,
"Krause, Harold" <Harold.Krause@...>
wrote:
>
> Hello Dave,
>
> Many thanks for the information. I only received the mail today
> 26/02/2007 at 0645 and will open the radio on Friday as I will be
away
> on business at the Natal South Coast.
>
> I do not have a workshop manual for the radio and generally my
> electronic knowledge allows me "" Only to paint by numbers "" Hi
Hi.
>
> I purchased my radio brand new when the first lot came out and it
was
> the seventh one sold in Johannesburg. Obviously the radio has
worked
> very hard during this time . Also as you can see from my call sign
I do
> a lot of mobile work. Upon calculation the radio has travelled
just over
> 1.2 million Km (approx 745645 miles) and during this time have
worked
> my DXCC (Unconfirmed) both mobile and base with this radio.
>
> Have a look at the site QRZ.COM and type in my call for more info.
>
> Once again many thanks for your help and will report back to you
as to
> the findings.
>
> Best 73
>
> Harold
>
> ZS6CAR
>
>
>
> ---------------------------------
>
> From: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
[mailto:FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>] On

Behalf
> Of kb7js
> Sent: Sunday, February 25, 2007 4:42 AM
> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> Subject: [FT-707] Re: Re - FT 707 not transmitting
>
>
>
> Harold
>
> Here is a bit of a technical description, hopefully it will be of
> help to you.
>
> I have refurbished or completely re-built 23 different FT-707's
over
> the years, and this is a very common problem. Your problem could
be
> caused by a dirty switch, but I have also encountered many cases
> where the pins on each of the connections to all of the boards can
> become oxidized, causing intermittent connections that often
> manifest with changes in temperature. The best remedy for all of
> these problems is to de-oxidize the contacts using a product like
> DeOxit. To do this, carefully un-plug each connector on the AF, IF
> and RF boards and lightly apply the liquid to both sides of the
pins
> using a Q-Tip. To apply the solution to the switch, it is best to
> have the switch unit out of the radio, but on the FT-707, that is
> pretty major surgery. You may be able to get a small drop of
> solution into the switch using a syringe.
>
> One side of the "FIX" switch provides 8volt signal FIX to the AF
> unit on Pin 2 of J3003(P12), and provides collector bias for
> transistor Q23 and Q24, which enables the fixed frequency crystal
> for the current band. This same side of the switch also provides
> bias to illuminate the "FIX" LED on the display.
>
> The other side of the "FIX" switch provides the 8volt
> signal "VFOFIX8V" to Pin 5 of J1005(P6) on the RF board, and to
Pin
> 5 on the VFO Unit Accessory plug. This signal disables the VFO
input
> on the RF Board and enables the FIX crystal input on Pin 10 of
J1005
> (P6), which comes from Pin 3, J3003(P13) on the AF board.
>
> These steps may solve your problem, but if the problem persists, I
> would look further at the RF board, specifically diodes P44 and
P45
> (early RF board PB-2093) or D57/D58 (late model RF board PB-2201).
> To troubleshoot the problem you are having, I would check for 8

> volts at Pin 10 of J1005 on the RF board, which is applied to the
> diodes to enable the FIX signal input.
>
> Let me know if I can provide any further advice.
>
> Regards
>
> Dave
> KB7JS
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
<mailto:FT-707%40yahoogroups.com> ,
> "Krause, Harold" <Harold.Krause@>
> wrote:
> >
> > Hello All,
> >
> > Can somebody help me with the problem I am having with my FT707 ?
> >
> > The radio after a few minutes of TX automatically activates
> the ""F I
> > X"" frequency on the radio band switch and I cannot do anything
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424. FV-707 problem

Yahoo group: FT-707
Date: 2007-04-03 13:08:08 UTC
From: ac5xp
Topic: 424 Message: 424

Hello! Does anyone have experience with the following problem.

My FV-707 does not store frequencies in the memories any more, but it still does work as a VFO. In other words, when I turn it on it starts (as expected) with the high default frequency and when I then press "Shift" I can tune down from there (with the up/down buttons" to any frequency where it will operate stable. However, pressing the store button does not result in a memory load; recalling a memory (any memory position) will result in the high default frequency.
The FV-707 essentially is a synthesized VFO driven by a frequency counter. The counter continuously counts the transceiver's VFO signal and when "Store" is pressed, the counter's divider number is latched and transferred to the PLL prog divider.
My conclusion is that the problem resides somewhere in the counter section. Before I start working on it, anyone out there that has dealt with this problem before? I downloaded the FV-707 diagrams to the "file" section. Thanks!

425. Purchasing one

Yahoo group: FT-707
Date: 2007-04-05 13:20:42 UTC
From: Paul Allen
Topic: 425 Message: 425

I am in the process of purchasing a FT-707 and the matching power supply. I have been looking for this unit ever since I saw it in a rack with all components. The price for both radio and power supply is +- $300. Is this a realistic price as I intend to collect the external memory and tuner as well?
For info, I have a 857, 817 but still prefer the older equipment which I used to see in the old ham shacks. I have been a ham for 3 years now and should have done so many years ago.
Brgds
Paul

426. New member questions

Yahoo group: FT-707
Date: 2007-04-12 09:30:05 UTC
From: ray1963_1999
Topic: 426 Message: 426

Hello all,
I just joined the group since I'm interested in adding a 707 to my station now made up of the full line of the FT-301D and accessories.

Is there something wrong with the files section of the group? I get "file not found" messages on almost all of the links there. I was really interested in the old QST review most of all.

Secondly, anyone have a spare FT-707 they would like to sell? I'm just trolling eBay for one at the moment.

73
Ray
KG2B

427. Re: New member questions

Yahoo group: FT-707
Date: 2007-04-12 10:53:27 UTC
From: pe1rea
Topic: 426 Message: 427

--- In FT-707@yahoogroups.com, "ray1963_1999" <KG2B@...> wrote:
>
> Hello all,
> I just joined the group since I'm interested in adding a 707 to my
> station now made up of the full line of the FT-301D and accessories.
>
> Is there something wrong with the files section of the group? I get
> "file not found" messages on almost all of the links there. I was
> really interested in the old QST review most of all.

I tried some of the links, but the worked all on this site.
Can you tell what is going wrong?

> Secondly, anyone have a spare FT-707 they would like to sell? I'm just
> trolling eBay for one at the moment.

No, I haven't.

Jim, moderator.

428. Re: New member questions

Yahoo group: FT-707
Date: 2007-04-12 21:00:26 UTC
From: Ian
Topic: 426 Message: 428

Hi Ray,
Don't know why you are having problems accessing the files, they all work for me, I've just tried the QST review ones - maybe your membership hadn't properly registered when you tried to access them. Give it another go.

Sorry, I don't want to get rid of either of my 707s but they do crop up quite frequently on UK eBay for around $350 -$400 US (plus the usual shipping costs, of course!)

73 de Ian - G8OFZ.

--- In FT-707@yahoogroups.com, "ray1963_1999" <KG2B@...> wrote:
>
> Hello all,
> I just joined the group since I'm interested in adding a 707 to my
> station now made up of the full line of the FT-301D and accessories.
>
> Is there something wrong with the files section of the group? I get
> "file not found" messages on almost all of the links there. I was
> really interested in the old QST review most of all.
>
> Secondly, anyone have a spare FT-707 they would like to sell? I'm just
> trolling eBay for one at the moment.
>
> 73
> Ray
> KG2B
>

429. Base current drain for final transistors of PA

Yahoo group: FT-707
Date: 2007-04-19 10:54:59 UTC
From: uu4jey_andy
Topic: 429 Message: 429

Hello all!!! Please help me!
How to set correct level of base current drain for final transistors
(100 mA, 150 mA, 200 or another - ???) in PA Unit of FT-707?
73! Andy, UU4JEY (Simferopol, Ukraine)

430. Re: Base current drain for final transistors of PA

Yahoo group: FT-707
Date: 2007-04-19 15:10:34 UTC
From: Ian
Topic: 429 Message: 430

-
Hi Andy, You don't set the base current of the PA transistors as such, what you do is adjust VR4201 (2Kohms) on the PA board to give a base voltage on the PA trannys of 0.7 Volts measured against chassis/supply negative, with no RF drive applied.

Hope that helps,
73 de Ian, G8OFZ.

-- In FT-707@yahoogroups.com, "uu4jey_andy" <uu4jey_andy@...> wrote:
>
> Hello all!!! Please help me!
> How to set correct level of base current drain for final transistors
> (100 mA, 150 mA, 200 or another - ???) in PA Unit of FT-707?
> 73! Andy, UU4JEY (Simferopol, Ukraine)
>

431. Re: Base current drain for final transistors of PA

Yahoo group: FT-707
Date: 2007-04-20 11:27:16 UTC
From: uu4jey_andy
Topic: 429 Message: 431

Ian, many thanks for information. 73! Andy.

--- In FT-707@yahoogroups.com, "Ian" <mcgowani@...> wrote:
>
> -
> Hi Andy, You don't set the base current of the PA transistors as
such,
> what you do is adjust VR4201 (2Kohms) on the PA board to give a
base
> voltage on the PA trannys of 0.7 Volts measured against
chassis/supply
> negative, with no RF drive applied.
>
> Hope that helps,
> 73 de Ian, G8OFZ.
>
>
> -- In FT-707@yahoogroups.com, "uu4jey_andy" <uu4jey_andy@> wrote:
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> > Hello all!!! Please help me!
> > How to set correct level of base current drain for final
transistors
> > (100 mA, 150 mA, 200 or another - ???) in PA Unit of FT-707?
> > 73! Andy, UU4JEY (Simferopol, Ukraine)
> >
>

432. Dummy load

Yahoo group: FT-707
Date: 2007-05-09 12:14:37 UTC
From: Steve
Topic: 432 Message: 432

I have recently purchased an FT-707. I have ordered a Pyramid KX-36
32 amp power supply. Should I also get a dummy load for testing
purposes ? What is a good choice ?

433. RE: [FT-707] Dummy load

Yahoo group: FT-707
Date: 2007-05-09 13:06:35 UTC
From: Andy Hearn
Topic: 432 Message: 433

Hi Steve

I have an FT-707 and use a Bird unit rated at 200 watts continuous. This is a bit unnecessary, but don't buy the 15/35 watt devices that are popular. These are ok for short bursts at full power, say 10-20 seconds but they eventually burn out. Try and get one rated at least 100 watts continuous, then you can be sure of reliability, especially if you are fault finding etc.
E-bay quite often has some good bargains (unusual !).
73
Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Steve
Sent: 09 May 2007 13:15
To: FT-707@yahoogroups.com
Subject: [FT-707] Dummy load

I have recently purchased an FT-707. I have ordered a Pyramid KX-36 32 amp power supply. Should I also get a dummy load for testing purposes ? What is a good choice ?

[Non-text portions of this message have been removed]

434. Tuning knob scraping - FT-707

Yahoo group: FT-707
Date: 2007-05-12 14:03:24 UTC
From: Steve
Topic: 434 Message: 434

I read about the problem with FT-707's tuning knob scraping when turning. Shortly after I received my FT-707 I noticed the problem. There is a set screw on the knob that you can loosen with a small flathead screwdriver. I loosened it, moved the knob about a millimeter away from the stop and tightened it. Now the movement is so silky smooth it really is a joy to adjust !

435. 707 Spares

Yahoo group: FT-707
Date: 2007-05-18 09:35:55 UTC
From: LouCoppola
Topic: 435 Message: 435

Dear 707 friends, I have bought an used and not transmitting 707 in order to get some spares. Now I have some other spares for sale.
If you are intersted please contact me or give a look on ebay for loucoppola. I ship worldwide. I know how happy one can be if he findes a missing spare for one of the most beautiful radioes.
73, Luigi IK7EEQ/DL0

436. Re: 707 Spares

Yahoo group: FT-707
Date: 2007-05-30 20:10:54 UTC
From: ve1cm
Topic: 435 Message: 436

--- In FT-707@yahoogroups.com, "LouCoppola" <loucoppola@...> wrote:
>
> Dear 707 friends, I have bought an used and not transmitting 707 in
> order to get some spares. Now I have some other spares for sale.
> If you are intersted please contact me or give a look on ebay for
> loucoppola. I ship worldwide. I know how happy one can be if he findes
> a missing spare for one of the most beautiful radioes.
> 73, Luigi IK7EEQ/DL0
>
Correction, I am looking for the paddle lever for the switch.
Thanks.

John

437. Re: 707 Spares

Yahoo group: FT-707
Date: 2007-05-30 20:08:26 UTC
From: ve1cm
Topic: 435 Message: 437

--- In FT-707@yahoogroups.com, "LouCoppola" <loucoppola@...> wrote:
>
> Dear 707 friends, I have bought an used and not transmitting 707 in
> order to get some spares. Now I have some other spares for sale.
> If you are intersted please contact me or give a look on ebay for
> loucoppola. I ship worldwide. I know how happy one can be if he findes
> a missing spare for one of the most beautiful radioes.
> 73, Luigi IK7EEQ/DL0
>
Hi Luigi

I am looking for a power switch for my 707.
Would you have one available and for what price?

73,
John VE1CM/VY2KAM

438. Yaesu FT-707 40 meter band went haywire

Yahoo group: FT-707
Date: 2007-07-25 01:38:58 UTC
From: Steve
Topic: 438 Message: 438

I was busy tuning my new MFJ 1796 vertical antenna and I was checking the SWR readings at each of the bands. I had just removed a spoke from the antenna to see if it would have a difference in the high SWR readings I was receiving on 30 and 40 meters. Each time I left to adjust the antenna I turned the transceiver off. When I returned from removing a spoke I dialed up 40 meters and the frequency was at 91 Khz ! When I adjust the dial nothing happens. When the dial is still it just goes from 91.030.1 to 91.027.4 back and forth and in between. Its like the band disappeared. Did I fry something in my transceiver ? The crystal maybe ? There is another "notch" in the band adjustment knob that isn't labeled with anything and it has always done the same thing. I just figured it wasn't a listed band and was nothing to worry about. Now that 40 meters does it I know something is really wrong. The other bands are fine. Any ideas ?

439. RE: [FT-707] Yaesu FT-707 40 meter band went haywire

Yahoo group: FT-707
Date: 2007-07-25 09:35:59 UTC
From: g3ueq@talktalk.net
Topic: 438 Message: 439

Steve

That happens when the frequency counter doesnt get all the frequencies from the VFO and the crystal oscillators, I would check your 40 m crystal first, you might have lost supply to that oscillator from the bandswitch or duff crystal. I would check all the plugs , take them off and re-insert, sometimes you get them go high resistance.
Also, assuming its not on other bands, if it is, check your FIX button doesnt want cleaning.One other thing, on the ACC socket on the back panel, there is a switch built into the socket, if that goes bad contact you get similar result.

Andy
G3UEQ

Original Message:

From: Steve sschomer@...
Date: Wed, 25 Jul 2007 01:38:58 -0000
To: FT-707@yahoogroups.com
Subject: [FT-707] Yaesu FT-707 40 meter band went haywire

I was busy tuning my new MFJ 1796 vertical antenna and I was checking the SWR readings at each of the bands. I had just removed a spoke from the antenna to see if it would have a difference in the high SWR readings I was receiving on 30 and 40 meters. Each time I left to adjust the antenna I turned the transceiver off. When I returned from removing a spoke I dialed up 40 meters and the frequency was at 91 Khz ! When I adjust the dial nothing happens. When the dial is still it just goes from 91.030.1 to 91.027.4 back and forth and in between. Its like the band disappeared. Did I fry something in my transceiver ? The crystal maybe ? There is another "notch" in the band adjustment knob that isn't labeled with anything and it has always done the same thing. I just figured it wasn't a listed band and was nothing to worry about. Now that 40 meters does it I know something is really wrong. The other bands are fine. Any ideas ?

---

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440. VFO

Yahoo group: FT-707
Date: 2007-07-25 17:31:32 UTC
From: aisea6
Topic: 440 Message: 440

I have a FT707 sitting on my table for sometime now which i finaly
pinned it down to a failed vfo.
Has anyone found a solution to clearing all the brown stuff that is
pasted on the components as i suppose it's to reduce frequency drift.
Now that something has failed i have no choice but to clear the junk
before i start fault finding.
Has anyone come across this before.

Aisea
3d2aa

441. Re: Yaesu FT-707 40 meter band went haywire

Yahoo group: FT-707
Date: 2007-07-26 23:10:13 UTC
From: Steve
Topic: 438 Message: 441

Thanks for the info. Actually I agressively turned the band knob back
and forth while the unit was turned off and it fixed the problem.

Thanks,

Steve

--- In FT-707@yahoogroups.com, "g3ueq@..." <g3ueq@...> wrote:
>
> Steve
>
> That happens when the frequency counter doesnt get all the
frequencies from
> the VFO and the crystal oscillators, I would check your 40 m crystal
first,
> you might have lost supply to that oscillator from the bandswitch or
duff
> crystal. I would check all the plugs , take them off and re-insert,
> sometimes you get them go high resistance.
> Also, assuming its not on other bands, if it is, check your FIX button
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> there is a switch built into the socket, if that goes bad contact
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> similar result.
>
> Andy
> G3UEQ
>
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> Date: Wed, 25 Jul 2007 01:38:58 -0000
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Yaesu FT-707 40 meter band went haywire
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> the SWR readings at each of the bands. I had just removed a spoke
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> just goes from 91.030.1 to 91.027.4 back and forth and in between.

> Its like the band disappeared. Did I fry something in my transceiver
> ? The crystal maybe ? There is another "notch" in the band
> adjustment knob that isn't labeled with anything and it has always
> done the same thing. I just figured it wasn't a listed band and was
> nothing to worry about. Now that 40 meters does it I know something
> is really wrong. The other bands are fine. Any ideas ?
>
>
>
> ---
> mail2web LIVE ☐ Free email based on Microsoft® Exchange technology -
> http://link.mail2web.com/LIVE
>

442. RE: [FT-707] Re: Yaesu FT-707 40 meter band went haywire

Yahoo group: FT-707
Date: 2007-07-27 10:28:03 UTC
From: g3ueq@talktalk.net
Topic: 438 Message: 442

Ok Steve

That is one of the probs, the trouble with the 707 is it is a sealed switch
and a S*d to get switch cleaner in there, just kepp on wriggling it !

Andy

Original Message:

From: Steve sschomer@houston.rr.com
Date: Thu, 26 Jul 2007 23:10:13 -0000
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: Yaesu FT-707 40 meter band went haywire

Thanks for the info. Actually I agressively turned the band knob back
and forth while the unit was turned off and it fixed the problem.

Thanks,

Steve

--- In FT-707@yahoogroups.com, "g3ueq@..." <g3ueq@...> wrote:
>
> Steve
>
> That happens when the frequency counter doesnt get all the
frequencies from
> the VFO and the crystal oscillators, I would check your 40 m crystal
first,
> you might have lost supply to that oscillator from the bandswitch or
duff
> crystal. I would check all the plugs , take them off and re-insert,
> sometimes you get them go high resistance.
> Also, assuming its not on other bands, if it is, check your FIX button
> doesnt want cleaning.One other thing, on the ACC socket on the back
panel,
> there is a switch built into the socket, if that goes bad contact
you get
> similar result.
>
> Andy
> G3UEQ
>
> Original Message:
> ---
> From: Steve sschomer@...

> Date: Wed, 25 Jul 2007 01:38:58 -0000
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Yaesu FT-707 40 meter band went haywire
>
>
> I was busy tuning my new MFJ 1796 vertical antenna and I was checking
> the SWR readings at each of the bands. I had just removed a spoke
> from the antenna to see if it would have a difference in the high SWR
> readings I was receiving on 30 and 40 meters. Each time I left to
> adjust the antenna I turned the transceiver off. When I returned from
> removing a spoke I dialed up 40 meters and the frequency was at 91 Khz
> ! When I adjust the dial nothing happens. When the dial is still it
> just goes from 91.030.1 to 91.027.4 back and forth and in between.
> Its like the band disappeared. Did I fry something in my transceiver
> ? The crystal maybe ? There is another "notch" in the band
> adjustment knob that isn't labeled with anything and it has always
> done the same thing. I just figured it wasn't a listed band and was
> nothing to worry about. Now that 40 meters does it I know something
> is really wrong. The other bands are fine. Any ideas ?
>
>
>
> ---
> mail2web LIVE ☐ Free email based on Microsoft® Exchange technology -
> http://link.mail2web.com/LIVE
>

----
mail2web.com - Microsoft® Exchange solutions from a leading provider -
http://link.mail2web.com/Business/Exchange

443. New user

Yahoo group: FT-707
Date: 2007-08-08 19:27:14 UTC
From: martindecraemer
Topic: 443 Message: 443

Hello group

Today i received my FT-707 + FP-707 i have bought
in excellent condition from a dutch ham.
Already have played a little bit and i am very pleased
with the results so far.
The receiver souds very clear and output is very good
on all the bands.
I am still looking to buy the vfo and the atu to complete
the set, so if anyone can help me on this i would be very pleased.
Now i will play some more and i hope to see some interesting messages
on this newsgroup.

Best 73 de ON6MX Martin
www.on6mx.be

444. new user

Yahoo group: FT-707
Date: 2007-08-08 23:05:08 UTC
From: ter753
Topic: 444 Message: 444

Martin, welcome to the group!. I just got my 707 a week ago and am enjoying playing with it. best 73s, terry EI3IZ.

445. Re: 707 Spares

Yahoo group: FT-707
Date: 2007-08-09 11:19:05 UTC
From: Tjerk Polee PE 1 IOC
Topic: 435 Message: 445

--- In FT-707@yahoogroups.com, "LouCoppola" <loucoppola@...> wrote:
>Dear Luigi,

I'm looking for the (big) tuning knob in front of this fine tranceiver.
Mine hadn't one when I bought this 707 on a Ham flea market.
A bare axel came out, that was all.
All other knobs in front were intact.
Mounted a knob from an old Muphy B40 receiver I had available in my
junkbox . Works o.k, but looks not o.k.
Pse let me know if you have this knob complete available.
Because off the many spam on my current mail-adress listed here:
please react to:
hobbiebox@...

73's

Tjerk
Vlagtwedde
Netherlands

PE 1 IOC

> Dear 707 friends, I have bought an used and not transmitting 707 in
> order to get some spares. Now I have some other spares for sale.
> If you are intersted please contact me or give a look on ebay for
> loucoppola. I ship worldwide. I know how happy one can be if he findes
> a missing spare for one of the most beautiful radioes.
> 73, Luigi IK7EEQ/DL0
>

446. FTV 707 TRANSVERTER 10 to 6 meters wanted

Yahoo group: FT-707
Date: 2007-08-09 11:34:57 UTC
From: Tjerk Polee PE 1 IOC
Topic: 446 Message: 446

Hi Group,

With the coming rise of the new sunspot cycle I'm interested in
joining 6 meters.
Why buy a 6 meter rig if there is a transverter for my good old 707 !

These FTV 707 10/6 is hard to find in the Netherlands where I live, so
may be someone has this transverter around in the shack, gathering
dust since long ?

73's

Tjerk
PE 1 IOC
Vlagtwedde
The Netherlands

447. width fet mixer

Yahoo group: FT-707
Date: 2007-08-10 08:42:55 UTC
From: ter753
Topic: 447 Message: 447

My ft707 has 2 2sk19 fets which are gone. They are in the mixer for the width function. Has anyone found easily available fets to replace the obsolete 2sk19 fets ?. Thanks, terry.

448. RE: [FT-707] width fet mixer

Yahoo group: FT-707
Date: 2007-08-10 10:31:05 UTC
From: g3ueq@talktalk.net
Topic: 447 Message: 448

You could try 2N4416 / J310 or BF245

I have used these in place of 2sk19s in the past
andy

Original Message:

From: ter753 ter753@yahoo.ie
Date: Fri, 10 Aug 2007 08:42:55 -0000
To: FT-707@yahoogroups.com
Subject: [FT-707] width fet mixer

My ft707 has 2 2sk19 fets which are gone. They are in the mixer for
the width function. Has anyone found easily available fets to replace
the obsolete 2sk19 fets ?. Thanks, terry.

---
myhosting.com - Premium Microsoft® Windows® and Linux web and application
hosting - http://link.myhosting.com/myhosting

449. fet mixer

Yahoo group: FT-707
Date: 2007-08-10 17:08:03 UTC
From: ter753
Topic: 449 Message: 449

Thanks, andy I will try those fets. terry.

450. fet mixer

Yahoo group: FT-707
Date: 2007-08-11 00:40:32 UTC
From: ter753
Topic: 449 Message: 450

I tried a pair of matched J310 fets and they work fine!. Thanks Andy.

451. RE: [FT-707] fet mixer

Yahoo group: FT-707
Date: 2007-08-12 11:39:44 UTC
From: Andy Hearn
Topic: 449 Message: 451

Nice to get a result !

73
Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of ter753
Sent: 11 August 2007 01:41
To: FT-707@yahoogroups.com
Subject: [FT-707] fet mixer

I tried a pair of matched J310 fets and they work fine!. Thanks Andy.

[Non-text portions of this message have been removed]

452. is1007 diodes

Yahoo group: FT-707
Date: 2007-08-14 21:57:01 UTC
From: ter753
Topic: 452 Message: 452

If anyone needs to replace these hard to get diodes they can use BAT85 diodes instead. These are available from RS for about £1 inc vat for 5. stock no. 300-978.If you are using them in the product detector make sure to match them using a multimeter!. 73s, terry EI3IZ.

453. Re: 707 Spares

Yahoo group: FT-707
Date: 2007-08-15 07:50:16 UTC
From: Tjerk Polee PE 1 IOC
Topic: 435 Message: 453

--- In FT-707@yahoogroups.com, "LouCoppola" <loucoppola@...> wrote:
Dear Luigi,

Tried to contact you trough e-mail, but all came back...

Looking for the grey tuning knop of the 707.

Was looking for a complete set, but got in the mean time the gear
mechanism that is behind this knob.

Can you help me ?

Best 73's

Tjerk Polee
PE 1 IOC
Vlagtwedde
The Netherlands

> Dear 707 friends, I have bought an used and not transmitting 707 in
> order to get some spares. Now I have some other spares for sale.
> If you are intersted please contact me or give a look on ebay for
> loucoppola. I ship worldwide. I know how happy one can be if he findes
> a missing spare for one of the most beautiful radioes.
> 73, Luigi IK7EEQ/DL0
>

454. RE: [FT-707] Re: 707 Spares

Yahoo group: FT-707
Date: 2007-08-17 15:38:52 UTC
From: Andy Hearn
Topic: 435 Message: 454

Tjerk

Might be worth contacting this guy, he appears to be breaking Yeasu / Kenwood radios for spares

http://search.ebay.co.uk/_W0QQsassZhifissb

73
Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Tjerk Polee PE 1 IOC
Sent: 15 August 2007 08:50
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: 707 Spares

--- In FT-707@yahoogroups. <mailto:FT-707%40yahoogroups.com> com, "LouCoppola" <loucoppola@...> wrote:
Dear Luigi,

Tried to contact you trough e-mail, but all came back...

Looking for the grey tuning knop of the 707.

Was looking for a complete set, but got in the mean time the gear mechanism that is behind this knob.

Can you help me ?

Best 73's

Tjerk Polee
PE 1 IOC
Vlagtwedde
The Netherlands

> Dear 707 friends, I have bought an used and not transmitting 707 in
> order to get some spares. Now I have some other spares for sale.
> If you are intersted please contact me or give a look on ebay for
> loucoppola. I ship worldwide. I know how happy one can be if he findes
> a missing spare for one of the most beautiful radioes.
> 73, Luigi IK7EEQ/DL0
>

[Non-text portions of this message have been removed]

455. RE: [FT-707] is1007 diodes

Yahoo group: FT-707
Date: 2007-08-17 15:15:24 UTC
From: Andy Hearn
Topic: 452 Message: 455

Terry

I would also point out that these diodes IS1007 were used in the FT480 series and caused me no end of problems as their forward voltage drop seems to increase quite dramatically over the years.
The HP Schottky diodes also make good product detector/balance mod diodes 5082-2811 (I think), RS and Farnell stock them or did!
73
Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of ter753
Sent: 14 August 2007 22:57
To: FT-707@yahoogroups.com
Subject: [FT-707] is1007 diodes

If anyone needs to replace these hard to get diodes they can use BAT85 diodes instead. These are available from RS for about £1 inc vat for 5. stock no. 300-978.If you are using them in the product detector make sure to match them using a multimeter!. 73s, terry EI3IZ.

[Non-text portions of this message have been removed]

456. FT-707S

Yahoo group: FT-707
Date: 2007-08-17 16:39:12 UTC
From: Paul Allen
Topic: 456 Message: 456

Hi,
I am back again, chasing after 707's. Just cannot seem to stem the thirst for this rig. I am now able to source a 707S and would like to know if it is only the output power that is less compared to the standard 707. Is the IF stage on rx the same.How does it compare.
Appreciaqte the groups guidance again.
Thanks
Paul

457. is1007 diodes

Yahoo group: FT-707
Date: 2007-08-17 16:27:20 UTC
From: ter753
Topic: 452 Message: 457

Thanks Andy!, I didnt know their forward voltage drop increased over time, I will check the ones in my rig. Your comment about using schottky diodes in a balanced mixer is right, I replaced the diodes in the product detector in my 707 and they work fine. I used bat85 diodes. best 73s, terry EI3IZ.

458. Re: FT-707S

Yahoo group: FT-707
Date: 2007-08-17 17:58:58 UTC
From: pe1rea
Topic: 456 Message: 458

--- In FT-707@yahoogroups.com, "Paul Allen" <pjallen@...> wrote:
>
> Hi,
> I am back again, chasing after 707's. Just cannot seem to stem the
> thirst for this rig. I am now able to source a 707S and would like to
> know if it is only the output power that is less compared to the
> standard 707. Is the IF stage on rx the same.How does it compare.
> Appreciaqte the groups guidance again.
> Thanks
> Paul
>

I have had a 707S, and the only difference is the powerstage, the 707S
had only the driver from the 707.

459. ft707 bfo alignment

Yahoo group: FT-707
Date: 2007-08-24 15:53:42 UTC
From: ter753
Topic: 459 Message: 459

Hi all, I have been restoring my 707 and I set up the lsb,usb oscillators on the correct frequencies, however the rx sound is not quite right. It sounds as if the bfo is not set exactly right!. Anyone got any ideas?. Thanks,Terry EI3IZ.

460. Tuning Knob

Yahoo group: FT-707
Date: 2007-08-26 01:19:29 UTC
From: mknight52
Topic: 460 Message: 460

I just got my FT 707 from Ebay, it looks good. I am excited to have gotten such a good radio for the price I paid. The only thing wrong is the VFO tuning knob is too tight to turn using a finger, have to grip with all fingers. It doesnt rub...just a little too tight to spin freely. Any suggestions on how to adjust....? I would appreciate.

Thanks N5LUB Mike

461. RE: [FT-707] Tuning Knob

Yahoo group: FT-707
Date: 2007-08-26 11:22:22 UTC
From: Andy Hearn
Topic: 460 Message: 461

Mike

Silly question, have you slackened off the screws holding the knob on the shaft and brought it forward a fraction, I had one of these that somebody had put a felt bush behind the knob and it was pushed tight against it. Otherwise take the knob off and with the radio vertical try a couple of drops of sewing machine oil on the shaft.
73
Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of mknight52
Sent: 26 August 2007 02:19
To: FT-707@yahoogroups.com
Subject: [FT-707] Tuning Knob

I just got my FT 707 from Ebay, it looks good. I am excited to have gotten such a good radio for the price I paid. The only thing wrong is the VFO tuning knob is too tight to turn using a finger, have to grip with all fingers. It doesnt rub...just a little too tight to spin freely. Any suggestions on how to adjust....? I would appreciate.

Thanks N5LUB Mike

[Non-text portions of this message have been removed]

462. RE: [FT-707] ft707 bfo alignment

Yahoo group: FT-707
Date: 2007-08-26 11:36:42 UTC
From: Andy Hearn
Topic: 459 Message: 462

Terry

What might be the right frequencies does not mean they are ok for the particular filters. Usually the best way is to inject audio oscillator into mic socket and adjust the carrier frequencies for equal audio response on both USB and LSB, ie:- o/p power. Also check the alignment of the IF shift control. My one was slightly out so I adjusted as a rough guide the usb/lsb crystals to give a uniform sounding his from the speaker when switching between the two.

If you really want to you can fine tweak them to suite your voice / microphone set up for best audio. Also dont forget to check carrier balance once you have the response right.
73
Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of ter753
Sent: 24 August 2007 16:54
To: FT-707@yahoogroups.com
Subject: [FT-707] ft707 bfo alignment

Hi all, I have been restoring my 707 and I set up the lsb,usb oscillators on the correct frequencies, however the rx sound is not quite right. It sounds as if the bfo is not set exactly right!. Anyone got any ideas?. Thanks,Terry EI3IZ.

[Non-text portions of this message have been removed]

463. Pilot light for FP707 power supply

Yahoo group: FT-707
Date: 2007-08-26 13:51:41 UTC
From: Raymond Parsons
Topic: 460 Message: 463

I got a FP707 power supply recently and the pilot light needs to be replaced.

Anyone have a spare or know where to get an exact replacement? It would be nice to keep it original, but of course, if need be I can just put a plain LED in there I guess....

73
Ray
KG2B

464. re: bfo alignment ft 707

Yahoo group: FT-707
Date: 2007-08-26 18:28:18 UTC
From: ter753
Topic: 464 Message: 464

Andy, thanks for the info!. What you said makes sense, I will do as you suggested. Best 73s, terry EI3IZ.

465. Re: [FT-707] Tuning Knob

Yahoo group: FT-707
Date: 2007-08-26 13:30:33 UTC
From: Raymond Parsons
Topic: 460 Message: 465

Hi,
I got a 707 recently with a similar problem. I took off the knob and found there was corrosion under the ring with the numbers on it. Just cleaned that up. Also, I backed the knob away from the front panel a little bit. Works well now.

Ray
KG2B

On Sun, 2007-08-26 at 01:19 +0000, mknight52 wrote:
> I just got my FT 707 from Ebay, it looks good. I am excited to have
> gotten such a good radio for the price I paid. The only thing wrong is
> the VFO tuning knob is too tight to turn using a finger, have to grip
> with all fingers. It doesnt rub...just a little too tight to spin
> freely. Any suggestions on how to adjust....? I would appreciate.
>
> Thanks N5LUB Mike
>
>
>
>
>

466. Re: Tuning Knob

Yahoo group: FT-707
Date: 2007-08-27 14:53:45 UTC
From: mknight52
Topic: 460 Message: 466

--- In FT-707@yahoogroups.com, "Andy Hearn" <g3ueq@...> wrote:
>
> Mike
>
> Silly question, have you slackened off the screws holding the knob
on the
> shaft and brought it forward a fraction, I had one of these that
somebody
> had put a felt bush behind the knob and it was pushed tight against it.
> Otherwise take the knob off and with the radio vertical try a couple of
> drops of sewing machine oil on the shaft.
> 73
> Andy G3UEQ
>
> _____
>
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On
Behalf Of
> mknight52
> Sent: 26 August 2007 02:19
> To: FT-707@...m
> Subject: [FT-707] Tuning Knob
>
>
>
> I just got my FT 707 from Ebay, it looks good. I am excited to have
> gotten such a good radio for the price I paid. The only thing wrong is
> the VFO tuning knob is too tight to turn using a finger, have to grip
> with all fingers. It doesnt rub...just a little too tight to spin
> freely. Any suggestions on how to adjust....? I would appreciate.
>
> Thanks N5LUB Mike
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
Thanks guys! All I had to do was loosen the set screw and move the
knob forward a little. Now it spins like brand new! Thanks, N5LUB

467. FTV707

Yahoo group: FT-707
Date: 2007-08-31 14:15:52 UTC
From: ian_m0kcm
Topic: 467 Message: 467

I'm collecting an FTV707 over the weekend with the 2 metre module installed.

Does anybody know where I can buy the 6 metre or 70cm modules for it please?

thanks

Ian ~ M0KCM

468. Re: FTV707

Yahoo group: FT-707
Date: 2007-09-05 16:58:02 UTC
From: gw4rwr
Topic: 467 Message: 468

> ..where I can buy the 6 metre or 70cm modules...>
>

You'll have to keep your eyes on the amateur classified pages, and sites like eBay, Ian.

It's a bit of a hassle to change modules, as you'll realise, since it's more than a flick of a switch. The FTV-107 frame accommodated a couple of these modules together, so could be a more convenient route for you.

I guess you could always look out for another FTV-707, with the module you want. Nothing to stop you transverting to both bands simultanously then!

Regards
Rhys

469. Scratches

Yahoo group: FT-707
Date: 2007-09-14 13:10:12 UTC
From: Ian Jones
Topic: 469 Message: 469

Hi All.

My first post here.
I recently bought a 707 again. The first time was 25 years ago.
The problem is a couple of bad scratches.
Does anyone know a source of the correct paint??
I have tried my local retailer without sucess.

73 de Ian G4MLW

Yahoo! Answers - Get better answers from someone who knows. Tryit now.

[Non-text portions of this message have been removed]

470. Re: Scratches

Yahoo group: FT-707
Date: 2007-09-14 15:33:49 UTC
From: Greg W:-)
Topic: 469 Message: 470

Hiya.

Going by experiences with other models of Yaesu there seems to be many shades of the color depending on the year or batch.
To the average viewer they all look the same , but when you line several up against each other you can see it.

When you add to that sun fading or other environmental damage , (smoking) it can change the color again.

If you have an otherwise pristine 707 , take the covers to a car paint shop and get their top guy to color match it by eye , and sell you a quart.

That should keep you going for years :-)

gregW:-) OH2FFY

==========

--- In FT-707@yahoogroups.com, Ian Jones <iang4mlw@...> wrote:
>
> Hi All.
>
> My first post here.
> I recently bought a 707 again. The first time was 25 years ago.
> The problem is a couple of bad scratches.
> Does anyone know a source of the correct paint??
> I have tried my local retailer without sucess.
>
> 73 de Ian G4MLW
>
>
> ----------
> Yahoo! Answers - Get better answers from someone who knows. Tryit now.
>
> [Non-text portions of this message have been removed]
>

471. Re: [FT-707] Re: Scratches

Yahoo group: FT-707
Date: 2007-09-14 18:32:26 UTC
From: Ian Jones
Topic: 469 Message: 471

Hi Greg

Thanks for that..... had sort of thought that would be the line to take.....

The 707 has seen a bit of action by the look of it!!

As you say there seems to be quite a few shades ..... I got the rig, atu, psu and vfo... they all seem to differ a bit..... oh joy.
Cheers
Ian G4MLW

For ideas on reducing your carbon footprint visit Yahoo! For Good this month.

[Non-text portions of this message have been removed]

472. Re: Scratches

Yahoo group: FT-707
Date: 2007-09-19 01:49:47 UTC
From: Bob
Topic: 469 Message: 472

Hello Ian,

Possible solution for your problem - take the top cover to an auto repaint/body repair shop - they have colour analyzers that read the paint colour and can maybe mix a small batch for you - failing that they could probably repaint both bottom and top covers for you at minimal cost and match the original 1970s vintage Yaesu paint with great accuracy.

My two pence worth,

Bob VE3MPG

PS: I have a mint condition 707 with one bad scratch right down to the metal on the top cover - it was mint till I loaned it out. Live and learn. . .

473. Re: [FT-707] Re: Scratches

Yahoo group: FT-707
Date: 2007-09-19 18:10:06 UTC
From: Ian Jones
Topic: 469 Message: 473

Hi Bob

Yes, thanks for that.
The auto shop seems to be the route to go.
I had thought of a complete respray....

Ok regards your bad scratch..... live and learn eh??
I have never understood to this day why some people are so carefree with other peoples property. Guess its a symptom of our throw-away culture.

Thanks
Ian G4MLW

For ideas on reducing your carbon footprint visit Yahoo! For Good this month.

[Non-text portions of this message have been removed]

474. group message

Yahoo group: FT-707
Date: 2007-09-19 18:56:39 UTC
From: pe1rea
Topic: 474 Message: 474

Hello everybody

Tomorrow (thursday) had I a few days off.
4 days without a pc.
So the delivery from the post has a delay from 4 days.
I hope that everybody has pacience.

Your moderator,

Jim PE1REA

475. g3tso mod ft707

Yahoo group: FT-707
Date: 2007-09-19 21:39:39 UTC
From: ter753
Topic: 475 Message: 475

Has anyone got details of the g3tso mod bypassing the rf amp{3sk19gr}
on the low bands?. I believe he used pin diodes.thanks, terry EI3IZ.

476. Re: g3tso mod ft707

Yahoo group: FT-707
Date: 2007-09-20 23:55:31 UTC
From: David Corney
Topic: 475 Message: 476

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Has anyone got details of the g3tso mod bypassing the rf amp{3sk19gr}
> on the low bands?. I believe he used pin diodes.thanks, terry EI3IZ.
>

You peaked my interest, so I did some Googling and while the mod is mentioned I could not find any details.

Have you tried contacting G3TSO directly? If not, I found his web page at:

http://www.qsl.net/g3tso/index.html

477. Receive Audio Problems on FT 707

Yahoo group: FT-707
Date: 2007-09-21 11:39:33 UTC
From: mknight52
Topic: 477 Message: 477

I recently bought a 707. It all checked out good with no problems until now. The audio receive starts to break up after a few minutes or maybe an hour into receive operation. I have not transmitted except on a few occasions when I was tuning the dipole ant. At first it responded to turning the Mode switch a little, switching from LSB around to AM setting...seemed to clear it up, but now, once the audio starts to break up, even that doesn't help. I haven't opened the case or cleaned it yet. Any suggestions on where to start here guys? I am not a technician, but know how to use a VM and solder. I have built a few circuits, but not and expert by any means.

Thanks for any help you guys can send my way
73

Mike
N5LUB

478. Re: g3tso mod ft707

Yahoo group: FT-707
Date: 2007-09-22 18:57:12 UTC
From: Ian
Topic: 475 Message: 478

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Has anyone got details of the g3tso mod bypassing the rf amp{3sk19gr}
> on the low bands?. I believe he used pin diodes.thanks, terry EI3IZ.
>
Hi Terry,
Further to my last, if you look in the "files" section of this
group you will find the whole Top Band Mod and the further mod. to
switch the RF amps avilable to download as a single pdf file originally
made available by Ian, m0kcm.

73 de Ian. G8OFZ.

479. Re: g3tso mod ft707

Yahoo group: FT-707
Date: 2007-09-22 18:44:18 UTC
From: Ian
Topic: 475 Message: 479

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Has anyone got details of the g3tso mod bypassing the rf amp{3sk19gr}
> on the low bands?. I believe he used pin diodes.thanks, terry EI3IZ.
>
Hi Terry,
The G3TSO mod to put the FT-707 onto Top Band was published in
RAD COM of July 1986. The modification to the mod (hi!) to provide
switching of the RX RF Amp was published in RAD COM of September 1986.
I have both mods. saved as a pdf file and would gladly send this to
you as an email attachment.
Come back to me with your full email address If you want the pdf
file.

73 de Ian. G8OFZ.

480. Re: g3tso mod ft707

Yahoo group: FT-707
Date: 2007-09-22 18:43:42 UTC
From: Ian
Topic: 475 Message: 480

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Has anyone got details of the g3tso mod bypassing the rf amp{3sk19gr}
> on the low bands?. I believe he used pin diodes.thanks, terry EI3IZ.
>
Hi Terry,
The G3TSO mod to put the FT-707 onto Top Band was published in
RAD COM of July 1986. The modification to the mod (hi!) to provide
switching of the RX RF Amp was published in RAD COM of September 1986.
I have both mods. saved as a pdf file and would gladly send this to
you as an email attachment.
Come back to me with your full email address If you want the pdf
file.

73 de Ian. G8OFZ.

481. ft 707 rx problems

Yahoo group: FT-707
Date: 2007-09-22 19:41:15 UTC
From: ter753
Topic: 481 Message: 481

Mike, check that your af amp{tda2002} is not overheating and is properly attached to its heatsink.This chip has a thermal shutdown built in {I think!}.Since the audio is ok for a while and then goes qrt sounds like a output chip problem. best 73s terry EI3IZ.

482. RE: [FT-707] Re: g3tso mod ft707

Yahoo group: FT-707
Date: 2007-09-23 11:51:10 UTC
From: Andy Hearn
Topic: 475 Message: 482

I have G3TSO's FT707 !!..works very well on top band !

Andy G3UEQ

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of
Ian
Sent: 22 September 2007 19:44
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: g3tso mod ft707

--- In FT-707@yahoogroups. <mailto:FT-707%40yahoogroups.com> com, "ter753"
<ter753@...> wrote:
>
> Has anyone got details of the g3tso mod bypassing the rf amp{3sk19gr}
> on the low bands?. I believe he used pin diodes.thanks, terry EI3IZ.
>
Hi Terry,
The G3TSO mod to put the FT-707 onto Top Band was published in
RAD COM of July 1986. The modification to the mod (hi!) to provide
switching of the RX RF Amp was published in RAD COM of September 1986.
I have both mods. saved as a pdf file and would gladly send this to
you as an email attachment.
Come back to me with your full email address If you want the pdf
file.

73 de Ian. G8OFZ.

[Non-text portions of this message have been removed]

483. Re: ft 707 rx problems

Yahoo group: FT-707
Date: 2007-09-23 15:18:26 UTC
From: mknight52
Topic: 481 Message: 483

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Mike, check that your af amp{tda2002} is not overheating and is
> properly attached to its heatsink.This chip has a thermal shutdown
> built in {I think!}.Since the audio is ok for a while and then goes
> qrt sounds like a output chip problem. best 73s terry EI3IZ.
>
Thanks, Terry. Is this part(TDA2002) on the AF board? I'm trying to
find it on my schematic/parts layout diagrams....where is it phsically
located? Thanks again.

Mike

484. g3tso mod/ andy hearne

Yahoo group: FT-707
Date: 2007-09-23 19:01:14 UTC
From: ter753
Topic: 484 Message: 484

Thanks Andy, I am going to try both mods.It is very useful when
someone finds a mod that works well !.I now know its worth trying.
best 73s, terry EI3IZ.

485. ft707 audio problems

Yahoo group: FT-707
Date: 2007-09-23 18:57:30 UTC
From: ter753
Topic: 485 Message: 485

Mike, the tda2002 is bolted to the aluminium heatsink at the right hand side of the pcb. It is surrounded by parts so it is not easy to see!.Yes, it is on the af pcb.This chip may be warm to the touch because it draws about 100Ma when it is idiling- ie with no signal. It should not be very hot.Let me know how you get on. 73s, terry EI3IZ.

486. RE: [FT-707] ft707 audio problems

Yahoo group: FT-707
Date: 2007-09-24 12:35:14 UTC
From: Michael Knight
Topic: 485 Message: 486

Terry, I am going to take the cover off when I get time, hopefully this week and check that component. I am still suspicious of the mode switch itself, I had the radio on yesterday while working in the shack, after the audio had started getting distorted, I went over and switched from LSB to USB and then back and the audio returned to normal ..I had to leave and didn't move the switch again and audio seemed to hold up for the short time I was there. Would you recommend a little tuner cleaner on the switch? I guess I can access it with bottom cover removed as well?

Thanks again,

Mike N5LUB

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of ter753
Sent: Sunday, September 23, 2007 1:58 PM
To: FT-707@yahoogroups.com
Subject: [FT-707] ft707 audio problems

Mike, the tda2002 is bolted to the aluminium heatsink at the right hand side of the pcb. It is surrounded by parts so it is not easy to see!.Yes, it is on the af pcb.This chip may be warm to the touch because it draws about 100Ma when it is idiling- ie with no signal. It should not be very hot.Let me know how you get on. 73s, terry EI3IZ.

[Non-text portions of this message have been removed]

487. ft707 audio problems

Yahoo group: FT-707
Date: 2007-09-24 17:05:00 UTC
From: ter753
Topic: 485 Message: 487

Mike, if the audio problem went away when you switched the usb/lsb switch then I would suspect the switch.Try using some switch cleaner but make sure it is switch cleaner!.Dont spray any oil or lubricant into it or you will several problems.Use the spray sparingly , you are not giving it a bath!!.Let me know how you get on. 73s, terry lynch EI3IZ.

488. FT707 repairs

Yahoo group: FT-707
Date: 2007-09-29 07:15:47 UTC
From: aisea6
Topic: 488 Message: 488

Finaly i have made a start by replacing the FET on the vfo and lined up the hetrodyne oscillators.
Interesting trying to read off the expected frequencies with most of the levels are low at the expected test points.
I am getting a stable readout but it's not correct on the digital readout.
I hope to report a little more next week, otherwise it's very tricky.
You must have a scope, frequency counter and a signal generator.
I am concentrating on the receiver first.

May i thank the Moderator for his ecouragement.

It's funny that there are things that is really yours and we tend to forget which should come first.

Any practical suggestion from the Group memebrs would be highly appreciated

Aisea
3D2AA

489. Re: ft707 audio problems

Yahoo group: FT-707
Date: 2007-09-29 12:21:51 UTC
From: mknight52
Topic: 485 Message: 489

Terry,
I finally got around to cleaning the switch's. both Mode and Band with a good non-lubricant type cleaner I got from local electronic supply store. Unfortunately, it did not cure the distorted audio. I may not have got the spray in deep enough into the switch though, as sealed as they are. I examined and located the tda2002...but have not checked it's "temperature" yet with the radio idling. Will try to that this weekend for sure. There is one thing I noticed, when removing the bottom cover, that the leads to the speaker from the radio come off easily, and one was little too loose. I am going to check that out too...but I think the problem lies elsewhere. I have plenty of volume through the speaker, but the audio sounds "crackly" for lack of a better word. It doesn't sound off frequency, just "dirty" Back to the drawing board.
Thanks,
Mike N5LUB

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Mike, if the audio problem went away when you switched the usb/lsb
> switch then I would suspect the switch.Try using some switch cleaner
> but make sure it is switch cleaner!.Dont spray any oil or lubricant
> into it or you will several problems.Use the spray sparingly , you are
> not giving it a bath!!.Let me know how you get on. 73s, terry lynch
EI3IZ.
>

490. Re: ft707 audio problems

Yahoo group: FT-707
Date: 2007-09-29 20:26:18 UTC
From: mknight52
Topic: 485 Message: 490

Well, problem solved for now at least! I removed lower cover of radio
and exposed the AF board. Turning the power back on, with audio still
breaking up, I inadvertently touched one of the small wiring harnesses
and heard it clear up momentarily. I pressed gently on the connector
toward the pcb and the audio came back to normal. I replaced cover and
have been running the rig all afternoon , switching from band to band
and mode to mode. So far so good.
N5LUB
Mike

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Mike, if the audio problem went away when you switched the usb/lsb
> switch then I would suspect the switch.Try using some switch cleaner
> but make sure it is switch cleaner!.Dont spray any oil or lubricant
> into it or you will several problems.Use the spray sparingly , you are
> not giving it a bath!!.Let me know how you get on. 73s, terry lynch
EI3IZ.
>

491. ft707 audio problems

Yahoo group: FT-707
Date: 2007-09-30 00:35:41 UTC
From: ter753
Topic: 485 Message: 491

Mike I am very pleased that your problem is solved,I wish you the best of luck with your rig!. best 73s, terry EI3IZ.

492. Re: ft707 audio problems

Yahoo group: FT-707
Date: 2007-10-01 18:44:30 UTC
From: mknight52
Topic: 485 Message: 492

Terry, thanks very much for the support, I am going to stay close to this site and learn all I can about keeping the 707 going and just reading all the good informative posts here. It is such a thoughtful thing you guys are doing here, and I want you to know I appreciate it very much. I would like to make a small donation to help defray expenses if that is permitted. Keep up the good work!

Mike
N5LUB

Waco, Tx
--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Mike I am very pleased that your problem is solved,I wish you the best
> of luck with your rig!. best 73s, terry EI3IZ.
>

493. RE: [FT-707] Re: ft707 audio problems

Yahoo group: FT-707
Date: 2007-10-02 08:58:02 UTC
From: g3ueq@talktalk.net
Topic: 485 Message: 493

Mike

When I restore a radio, the first thing I do is clean it out thoroughly (habits of being a TV apprentice !), then go round and clean all the connectors because of possible oxidisation. This tends to reduce the disappointment factor upon first switch on !
Glad to hear you got it going ok.
All the best
Andy G3UEQ

Terry, thanks very much for the support, I am going to stay close to this site and learn all I can about keeping the 707 going and just reading all the good informative posts here. It is such a thoughtful thing you guys are doing here, and I want you to know I appreciate it very much. I would like to make a small donation to help defray expenses if that is permitted. Keep up the good work!

Mike
N5LUB

Waco, Tx

---

mail2web.com ☐ Enhanced email for the mobile individual based on Microsoft® Exchange - http://link.mail2web.com/Personal/EnhancedEmail

494. New file uploaded to FT-707

Yahoo group: FT-707
Date: 2007-11-11 21:56:23 UTC
From: FT-707@yahoogroups.com
Topic: 328 Message: 494

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT-707
group.

File : /PIC Counter IC/Cqdl 2007 02 DL8NAT-PIC-QRGzaehler-f-FT707.zip
Uploaded by : andre_pe1hwo <pe1hwo@...>
Description : Source and Printlayout PIC counter replacement

You can access this file at the URL:
http://groups.yahoo.com/group/FT-707/files/PIC%20Counter%20IC/Cqdl%202007%2002%20DL8NAT-PIC-QRGzaehler-f-FT707.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

andre_pe1hwo <pe1hwo@...>

495. Cqdl 2007 02 DL8NAT-PIC-QRGzaehler

Yahoo group: FT-707
Date: 2007-11-11 22:19:24 UTC
From: andre_pe1hwo
Topic: 495 Message: 495

Hi 707ers,

Found this in CQDL a ham magazine of the DARC.
It's in German. It tells you how to replace msm9520rs
special counter IC (which is obsolete) with a PIC16F876.

This article describes a plug n play version which doesn't
need the extra mods needed for the JA2SVZ solution.

It also works for the FT101Z(D),901(2),107 series.

I haven't done these mods myself yet, since my 707 and 101
counters still run with the orginal chips.

73 André pe1hwo

496. hello

Yahoo group: FT-707
Date: 2007-12-22 18:20:11 UTC
From: paul bailey
Topic: 496 Message: 496

i would just like to say hi to everyone my name is paul my callsign is m3htu what is the best ariel to use on all bands on the ft 707 i am useing the 100 foot wire at the moment, in the new year im having the converter so i can use 2 metere on my 707 will i have to put another ariel up for 2 metres or will it work from the wire i am new to ham radio and i hope i can enjoy it as much as a lot of you, thank you for readin this message and hope to talk to you all at some time take care and happy xmas and new year to you all
paul

497. Re: hello

Yahoo group: FT-707
Date: 2007-12-23 15:06:03 UTC
From: robialbion
Topic: 496 Message: 497

Hi Paul
I use the FT707 mostly too, it depends on which bands you want to concentrate on but something to cover as much as possible will always involve something of a trade off in terms of performance. Where I am space is limited so I use a vertical Hustler 5BTV, not one of the newest designs but not too expensive and seems to work pretty well covering 10m, 15m, 20m, 40m and 80m. Bandwidth on 80m is limited and SWR on 15m is not perfect but still works well enough to reach the States when conditions permit, 80m perfomance in the upper section of the band is good too. Its also fairly easy to set up and tune (especially if ground mounted with radials and particularly so when the ground is wet!!!)
Anyway good luck with the 707, its a great radio and enjoy the hobby!
Best wishes for Christmas and the new year.
73 de RobL 2J0RZD (Chanel Island of Jersey)

498. Re: hello

Yahoo group: FT-707
Date: 2007-12-23 16:06:17 UTC
From: paul bailey
Topic: 496 Message: 498

--- In FT-707@yahoogroups.com, "robialbion" <robialbion@...> wrote:
>thankyou for reply and i will see if i can get one of thoses areils
from some were happy xmas and new year and you never know i might hear
you on radio soon as ive got it all done take care 73's
> Hi Paul
> I use the FT707 mostly too, it depends on which bands you want to
> concentrate on but something to cover as much as possible will always
> involve something of a trade off in terms of performance. Where I am
> space is limited so I use a vertical Hustler 5BTV, not one of the
> newest designs but not too expensive and seems to work pretty well
> covering 10m, 15m, 20m, 40m and 80m. Bandwidth on 80m is limited and
> SWR on 15m is not perfect but still works well enough to reach the
> States when conditions permit, 80m perfomance in the upper section of
> the band is good too. Its also fairly easy to set up and tune
> (especially if ground mounted with radials and particularly so when
> the ground is wet!!!)
> Anyway good luck with the 707, its a great radio and enjoy the
hobby!
> Best wishes for Christmas and the new year.
> 73 de RobL 2J0RZD (Chanel Island of Jersey)
>

499. Re: FT 707 WARC Band resolve - Update

Yahoo group: FT-707
Date: 2007-12-26 08:49:06 UTC
From: Phil Grimshaw
Topic: 182 Message: 499

Re the following (D45, 46 & 47) - I went loking for these diodes in my
ft707 - could not find them. The FT707 Maintenance Service Manual has
a chapter on the 'WARC TX Modification'.
Section 3 Servicing - p 3-18 WARC TX Modification.
Diodes D21, D71 and D72 have to be cut to enable WARC TX.
73

>
> I trace RF Board and find out that D 45,46, 47 but be cut to enable
the WARC band TX.
>
> And I am On the Air now.
>
> Looking forward to meet you all On the air
>
> 73
>
>
> jim <pe1rea@...> wrote:
>
> itji schreef:
>
> > Hi All,
> > I am new in this group, I recently got my FT 707 with FTV 707
> > included and very pleased.
>
> Be welkom.
>
> > The rig works fine in all Amateur Bands, but not for WARC band, its
> > only in RX mod, Is there's any information of mods on this ? so I can
> > TX on WARC with my FT 707 ??
>
> Mayby the rig don't lock on tx.
> Mine has the same on 30 meter.
>
> Normaly it must work.
> The rig works with cristals, so any mod to chance ferquenty has to
> chance cristals.
>
> > thx, 73
> > Yudhistira, D
>
> 73 Jim
>
> ps, this is a moderated group to prefent the group from pornspam ed.

> So there is a delay between posting and sending.
> I hope you accept this.
>
>
>
>
>
> Yaesu-Musen Radios: Quality all around!
>
>
>
>
> Yahoo! Groups Sponsor
> Get unlimited calls to
>
> U.S./Canada
>
>
> ---
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/FT-707/
>
> To unsubscribe from this group, send an email to:
> FT-707-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> ---
> Do you Yahoo!?
> Check out the new Yahoo! Front Page. www.yahoo.com
>
> [Non-text portions of this message have been removed]
>

500. instruction manuall for fc-707

Yahoo group: FT-707
Date: 2007-12-27 19:05:40 UTC
From: paul bailey
Topic: 500 Message: 500

hi would any one have a copy of the instruction manual how to use the fc-707 antenna tuner the wife cleaned me room out and i think she as throwed it in the bin thanks bail

501. Re: instruction manuall for fc-707

Yahoo group: FT-707
Date: 2007-12-27 20:58:32 UTC
From: paul bailey
Topic: 500 Message: 501

--- In FT-707@yahoogroups.com, "paul bailey" <bail@...> wrote:
>
> hi would any one have a copy of the instruction manual how to use the
> fc-707 antenna tuner the wife cleaned me room out and i think she as
> throwed it in the bin thanks bail
>
thankyou to Martin ON6MX for the manual hope to catch you on the bands
in the new year 73's m3htu

502. About FC-707, FP-707

Yahoo group: FT-707
Date: 2007-12-29 10:06:00 UTC
From: Alex Almonte
Topic: 502 Message: 502

I recently buy an old Yaesu FT-707 HF SSB/CW/AM transceiver to an old ham here in my locality. I ask him if he still have his FC-707 and FP-707's and to my surprise they are all gone. If guys have spare Yaesu FC-707 and/or FP-707's in excellent working condition, maybe I can procure it to you. I have a very low budget right now and this FT-707 of mine is still running (was tested infront of me by my old ham friend). Please help.

503. 707 ATU fault

Yahoo group: FT-707
Date: 2008-01-04 09:59:29 UTC
From: Paul Young
Topic: 503 Message: 503

Hi all,
I have just picked up a FT-707 and matching ATU.
I just tested the ATU and the SWR/pwr meter is not working!
I guess it is the pin diodes. Where can I get replacements in the UK ?

Paul G0HWC
http://sstv.org.uk / http://www.g0hwc.com

504. Re: [FT-707] 707 ATU fault

Yahoo group: FT-707
Date: 2008-01-04 11:55:59 UTC
From: Michael Clarke
Topic: 503 Message: 504

On Jan 4, 2008 9:59 AM, Paul Young <paul@...> wrote: I have
just picked up a FT-707 and matching ATU. I just tested the ATU and
the SWR/pwr meter is not working! I guess it is the pin diodes. >
Hi Paul
The diodes D102 & 103, are on the CM Coupler Unit, near the output to
TX socket.
Listed as part number G2090038 and type 1SS16
The meter is 200uA
73
Mick Mi5mtc
LOC IO64EL
GQRP 9630
FISTS 7740

505. FT707 and mobile bracket for sale

Yahoo group: FT-707
Date: 2008-01-08 13:14:32 UTC
From: Paul Young
Topic: 505 Message: 505

If anyone in the UK looking for above check these 2 links

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&rd=1&item=330202319060

and

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&rd=1&item=330202511722

Paul G0HWC

http://www.sstv.org.uk
http://www.g0hwc.com

506. Yaesu FC-707 antenna coupler

Yahoo group: FT-707
Date: 2008-01-08 13:41:57 UTC
From: RADIOHEAD
Topic: 506 Message: 506

Hi,

I'm Alex and I am looking for Yaesu FC-707 antenna coupler in excellent working condition. For your info guys, I am situated at Quezon City, Philippines. If you have the item I am looking for, please send me actual image of the item.

Best regards,

ALEX ALMONTE
Send instant messages to your online friends http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

507. intermittent sensitivity

Yahoo group: FT-707
Date: 2008-01-19 16:48:55 UTC
From: n2yc2003
Topic: 507 Message: 507

Hi.

I have a used FT-707 which seems to have an intermittent sensitivity issue. For the most part it hears very well, but it definitely loses sensitivity at times. I have only had this radio for a few weeks, so it might have been inactive for a while.

If the radio is receiving I sometimes notice a gradual drop in receive sensitivity. It gets to the point where CW signals fade way down.

If I do one of the following it brings the sensitivity level back up ☐

1 ☐ When running through the FC-707 I rotate the band knob to the THRU position and then back to the band position.

2 - Sending a few dits. This works whether it is going through the FC-707 or connected directly to my G5RV Jr.

Any help would be appreciated.

73, John N2YC

508. new photos " THE BEST OF THE BEST "

Yahoo group: FT-707
Date: 2008-02-03 14:59:51 UTC
From: lu5ddx
Topic: 508 Message: 508

hello to all, I inform to them that there is a new list of photos of
my loved yaesu, I hope enjoy. greetings Jorge from Argentina.....
sorry for my bad english

509. getting FT-707

Yahoo group: FT-707
Date: 2008-02-09 13:14:38 UTC
From: Gerald Gaule
Topic: 509 Message: 509

This is KE7GGV...Jerry from Albany..I am soon trading in my older HF Tube Rig...for a FT-707..I am using currently a MFJ VERSA TUNER III with a 5BTV(hustler)vertical...well due to small...very small space...and power lines really close on 3 sides of my house..anyway...I am open to all advice,suggestions or what ever..I will post a pic when I get it...I think this will be a good move...are there any HF/FT-707 Nets,etc..if not..down the line I would like to start one..I have downloaded the manual...to get a head start...

Thank you for letting me join...

KE7GGV...73 THX...

ke7ggv@arrl.net

www.qrz.com/callsign/ke7ggv

thanks again for your time to read this...

513. Sorry

Yahoo group: FT-707
Date: 2008-03-21 11:27:42 UTC
From: pe1rea
Topic: 513 Message: 513

Hello group,

By accident is a email to a pending member on the group posted.
Please ignore this post, I have deleted it on the board.

514. new to hf and ft707

Yahoo group: FT-707
Date: 2008-03-31 17:40:23 UTC
From: joihnbradley
Topic: 514 Message: 514

Hi are there any users in Morthern Ireland / Donegal area

John

515. Re: [FT-707] new to hf and ft707

Yahoo group: FT-707
Date: 2008-03-31 18:47:37 UTC
From: Michael Clarke
Topic: 514 Message: 515

On Mon, Mar 31, 2008 at 6:40 PM, joihnbradley <joihnbradley@...> wrote:
Hi are there any users in Morthern Ireland / Donegal area > John
>
Yes John
Me, Michael, Mi5MTC in Irvinestown, Co Fermanagh, Northern Ireland, about 10 miles from Pettigo on the Donegal border. Unfortunately, my 707, after four years of good use recenty developed a fault and is out of service. I have manuals etc should you need them, for it, its power supply and ATU. In my first three months with a new HF licence and the FT707 I made enough contacts across Ireland for a basic Worked All Ireland award.
73
Mick Mi5mtc
LOC IO64EL
GQRP 9630
FISTS 7740

516. micheal clarke ft707

Yahoo group: FT-707
Date: 2008-03-31 21:33:37 UTC
From: ter753
Topic: 516 Message: 516

Micheal, I use a ft707 and may be able to advise you on the fault,contact me at ter753@... 73s,Terry lynch EI3IZ.

517. Re: [FT-707] micheal clarke ft707

Yahoo group: FT-707
Date: 2008-04-01 14:57:03 UTC
From: jim
Topic: 516 Message: 517

2008/3/31, ter753 <ter753@...>:
>
> Micheal, I use a ft707 and may be able to advise you on the
> fault,contact me at ter753@... 73s,Terry lynch EI3IZ.
>
>
Maybe you can discuss the fault on the group, everyone can learn from it
than?

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

[Non-text portions of this message have been removed]

518. jim, micheal clarke

Yahoo group: FT-707
Date: 2008-04-04 07:39:55 UTC
From: ter753
Topic: 518 Message: 518

Jim,you are right,I will discuss the problem on this page so the group can get involved.Micheal has not contacted me so he may have solved the problem.Best 73s, terry lynch EI3IZ.

519. problem solved! width control

Yahoo group: FT-707
Date: 2008-04-16 20:33:23 UTC
From: ter753
Topic: 519 Message: 519

I was having a problem with the IF width, it had to be adjusted each time I went from usb to lsb.A quick check of the 19.7475 osc showed that the frequency was way off!.I adjusted the 4k7 preset vr02 on the if board and it is bang on.Moral- read the manual if you have a problem!. Best 73s, terry lynch EI3IZ.

520. FT-707 & FV-707DM

Yahoo group: FT-707
Date: 2008-04-16 22:00:59 UTC
From: kd5noy
Topic: 520 Message: 520

Hello to the group...

Forgive me if this is not the place to post this, I've looked over the rest of the forum and didn't find what I thought was an approriate place.

I have a FT-707 & a FV-707DM that I must part with, and rather than list it on E-bay I thought there are many here who could use it.

A little about the FT-707, a great receiver, I purchased as my first rig and have made many contacts with it. After hurricanes Katrina and Rita removed my antenna the rig sat without use. I recently decided to sell it as I have other interest now and do not have much time for amatuer radio. Now the bad news... I powered the rig up and it receives great, however the transmit has failed. This radio always had the sticking(dirty relay) in the audio section. I fear this has failed now.

I have used the FV-707DM once since purchasing the radio, I could never get the hang of xmitting on one freg and receiving on another.

I will provide pictures on request and answer any questions about the rig. Please contact me through the list address.

73
KD5NOY
Mark

521. Re FT-707 & FV-707DM

Yahoo group: FT-707
Date: 2008-04-17 04:57:07 UTC
From: roughplanet
Topic: 521 Message: 521

Hello to all the members of this group.

Although I've been a member since early February of this year, this is my first post.

Mark, the most likely answer to your problem with the FT-707 is, as you suggested, a dodgy relay, and the fix for these can be had by referring to the 'Mods' section of Mods dk, which, if you haven't already heard about it, can be found here: http://www.mods.dk/

The FT-707 has 4 relays, and from time to time, they can & do require cleaning using a degreaser spray; preferably the electronic variety, not industrial cleaners, some of which have lubricatiing additives which are not required.

I have two (2) FT-707's which I like a great deal. One of them is a complete station, with the FP-707, FC-707, FV-707 & FTV-707 for which I have the 6m, 2m & 70cm modules.
The other I use as a portable HF rig, although as I am disabled, it doesn't get a lot of use, hi hi.

In closing, I have an FTV-700 (identical with the FTV-707) transverter for sale. It is in excellent order (like the rest of my gear) and comes with the 2m module.

If anyone on this newsgroup is after one of these for their station (I was using it last Monday night on the club's 2m sked & no-one could tell the difference between it & my FT-847 running 10 watts) I am prepared to ship it anywhere in the world, wrapped to ensure that no damage occurs even if it is badly handled.

All the best to everyone. It is great to see the renewed interest in the older radios, and whilst the FT-707 doesn't quite fit the 'boat anchor' description, it is an older radio, and can still hold its own with many of the newer models.

73,
Laurie
VK3EBN

[Non-text portions of this message have been removed]

522. Re: [FT-707] FT-707 & FV-707DM

Yahoo group: FT-707
Date: 2008-04-17 10:34:26 UTC
From: RADIOHEAD
Topic: 520 Message: 522

Hi,

Still have your Yaesu FC-707 antenna coupler? If you have the item, please let me know.

Please reply at :dw1uby@...

Many thanks.

If there is something to reply, do it by the list.

Jim, moderator.

kd5noy <kd5noy@...> wrote:
Hello to the group...

Forgive me if this is not the place to post this, I've looked over
the rest of the forum and didn't find what I thought was an approriate
place.

I have a FT-707 & a FV-707DM that I must part with, and rather than
list it on E-bay I thought there are many here who could use it.

A little about the FT-707, a great receiver, I purchased as my first
rig and have made many contacts with it. After hurricanes Katrina and
Rita removed my antenna the rig sat without use. I recently decided to
sell it as I have other interest now and do not have much time for
amatuer radio. Now the bad news... I powered the rig up and it
receives great, however the transmit has failed. This radio always had
the sticking(dirty relay) in the audio section. I fear this has
failed now.

I have used the FV-707DM once since purchasing the radio, I could never
get the hang of xmitting on one freg and receiving on another.

I will provide pictures on request and answer any questions about the
rig. Please contact me through the list address.

73
KD5NOY
Mark

Best regards,

ALEX ALMONTE
Send instant messages to your online friends http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

523. MD-1C8

Yahoo group: FT-707
Date: 2008-04-20 00:07:36 UTC
From: gwalter49
Topic: 523 Message: 523

I have attached the MD1C8 and a MH1 to my newly requried FT 707 but it is stuck on VOX. I didn't think the radio had VOX. Is there a pin out that I should be aware of?

Thanks
Jerry
KI4HPD

524. Re: [FT-707] MD-1C8

Yahoo group: FT-707
Date: 2008-04-20 06:23:14 UTC
From: jim
Topic: 523 Message: 524

2008/4/20, gwalter49 <ki4hpd@...>:
>
> I have attached the MD1C8 and a MH1 to my newly requried FT 707 but it
> is stuck on VOX. I didn't think the radio had VOX. Is there a pin out
> that I should be aware of?
>
> Thanks
> Jerry
> KI4HPD
>
>
>
The radio have a vox, play with the two small knobs under the frequentyshift
knob.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

[Non-text portions of this message have been removed]

525. RE: [FT-707] MD-1C8

Yahoo group: FT-707
Date: 2008-04-20 21:32:53 UTC
From: Jerry Walter
Topic: 523 Message: 525

Thanks that did the trick!

-----Original Message-----
From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]On Behalf Of
jim
Sent: Sunday, April 20, 2008 2:23 AM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] MD-1C8

2008/4/20, gwalter49 <ki4hpd@...>:
>
> I have attached the MD1C8 and a MH1 to my newly requried FT 707 but it
> is stuck on VOX. I didn't think the radio had VOX. Is there a pin out
> that I should be aware of?
>
> Thanks
> Jerry
> KI4HPD
>
>
>
The radio have a vox, play with the two small knobs under the
frequentyshift
knob.

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

526. Yaesu FV-700DM

Yahoo group: FT-707
Date: 2008-04-20 21:20:50 UTC
From: wohtex
Topic: 526 Message: 526

Hello to the group, I am a new member, the name is Bill and the call is N5CCQ, QTH is Medina County Texas. I don't have a FT-707 simply because the ones I see on Ebay go way out of my price range. I do own its kissing cousin though, a FT-77 with the hard to find AM board installed, I also have the FM board but you can't have both installed at the same time, also use a FC-707 tuner which is an excellent tuner. I recently purchased an FV-700DM vfo and hope members of this group can help me out with it as it isn't working right and I believe the one for the FT-707 is very similar. I have listed some items I would like input on if there is someone on the group that is knowledgeable.
1. The Memory button, is it supposed to stay in when pushed? Mine does not and sometime the LED lights and sometimes it doesn't, when it lights its usually just a flicker like its not making a good connection.
2. when I push the Rx button on the vfo the FT-77 display will change to VFO B, however if the memory LED is not lit the FT-77 display will be blank, if the LED is lit then the FT-77 display will jump about 300KHZ and be unstable. When there is a frequency display turning the tuning know will not change it.
3. When I push the Tx button the FT-77 display will remain on VFO A and the frequency will remain where it was and responds to the tuning knob.
4. If I push the RX and Tx buttons its the same as item 2.

I really believe the proble is a bad connection somewhere because when I first hooked it up even though the memory LED was flickering some I was able to store a frequency and use the up/down buttons. I would really like to get this operational if I can as it the scan function alone would really come in handy.

Any help or guidance will be appreciated.

73
Bill/N5CCQ

527. Re: Yaesu FV-700DM

Yahoo group: FT-707
Date: 2008-04-21 18:07:51 UTC
From: Ian
Topic: 526 Message: 527

Hi Bill, You are already on the right track, the memory button does NOT stay in but the associated red LED should be alight the whole time.
I suggest a very careful visual inspection of the leads/tracks from the "memory" switch and the LED will show a dry joint or a cracked track somewhere along the way. Check also that the memory switch is actually switching when operated.
The Rx & Tx buttons are functioning correctly from what you describe but, because of the problems with the memory cct., no frequency is being stored/recalled.
Are you using internal batteries to hold the frequency store when the rig power is switched off? The internal battery contacts are often damaged by corrosion where previous owners haven't changed out the cells frequently enough, and now make only intermittant contact.

Best of Luck,

Ian/G8OFZ.

--- In FT-707@yahoogroups.com, "wohtex" <wh1944@...> wrote:
>
> Hello to the group, I am a new member, the name is Bill and the call
> is N5CCQ, QTH is Medina County Texas. I don't have a FT-707 simply
> because the ones I see on Ebay go way out of my price range. I do
> own its kissing cousin though, a FT-77 with the hard to find AM board
> installed, I also have the FM board but you can't have both installed
> at the same time, also use a FC-707 tuner which is an excellent tuner.
> I recently purchased an FV-700DM vfo and hope members of this group
> can help me out with it as it isn't working right and I believe the
> one for the FT-707 is very similar. I have listed some items I would
> like input on if there is someone on the group that is knowledgeable.
> 1. The Memory button, is it supposed to stay in when pushed? Mine does
> not and sometime the LED lights and sometimes it doesn't, when it
> lights its usually just a flicker like its not making a good connection.
> 2. when I push the Rx button on the vfo the FT-77 display will change
> to VFO B, however if the memory LED is not lit the FT-77 display will
> be blank, if the LED is lit then the FT-77 display will jump about
> 300KHZ and be unstable. When there is a frequency display turning

the
> tuning know will not change it.
> 3. When I push the Tx button the FT-77 display will remain on VFO A
> and the frequency will remain where it was and responds to the
tuning
> knob.
> 4. If I push the RX and Tx buttons its the same as item 2.
>
> I really believe the proble is a bad connection somewhere because
when
> I first hooked it up even though the memory LED was flickering some
I
> was able to store a frequency and use the up/down buttons. I would
> really like to get this operational if I can as it the scan function
> alone would really come in handy.
>
> Any help or guidance will be appreciated.
>
> 73
> Bill/N5CCQ
>

528. Re: Yaesu FV-700DM

Yahoo group: FT-707
Date: 2008-04-22 01:45:05 UTC
From: wohtex
Topic: 526 Message: 528

Hi Ian, thanks for the reply and information. The first thing I found when I opened it up was ruptured AA batteries, cleaned it up the best I could (what is good to get that off of solder joints) and installed new batteries. They seem to be O.K. as I get 3 volt reading where it enters the printed circuit board. Guess I need to get the schematic out and see how it goes to the switch, then to the LED and away from it, will see if the shematic shows what the voltage is there, then pull that board out so I can take a look.

So you think if I can get a solid connection there with continuous bright LED then the rest of the problems will be solved as well. Will get to work on it tomorrow.

I plan on staying a member of the group as my radio is very close to the FT-707 and like I said I am always on the look out for a deal on the 707. I think these radio's are a lot better than most of the ones they have out now, plus a lot more bang for your buck.

73
Bill/N5CCQ

529. Re: new to hf and ft707

Yahoo group: FT-707
Date: 2008-04-25 17:38:19 UTC
From: joihnbradley
Topic: 514 Message: 529

Hi Mick I tried to reply to you but messed up my Yahoo id.

Are you getting your rig repaired if not i would be interested in the atu.

Perhaps ypu vould ring me 07849655054

John G6sox

--- In FT-707@yahoogroups.com, "Michael Clarke" <mi5mtc.mick@...> wrote:
>
> On Mon, Mar 31, 2008 at 6:40 PM, joihnbradley <joihnbradley@...> wrote:
> Hi are there any users in Morthern Ireland / Donegal area > John
> >
> Yes John
> Me, Michael, Mi5MTC in Irvinestown, Co Fermanagh, Northern Ireland,
> about 10 miles from Pettigo on the Donegal border. Unfortunately, my
> 707, after four years of good use recenty developed a fault and is out
> of service. I have manuals etc should you need them, for it, its power
> supply and ATU. In my first three months with a new HF licence and the
> FT707 I made enough contacts across Ireland for a basic Worked All
> Ireland award.
> 73
> Mick Mi5mtc
> LOC IO64EL
> GQRP 9630
> FISTS 7740
>

530. prova

Yahoo group: FT-707
Date: 2008-04-26 04:35:25 UTC
From: Frank i8qhe
Topic: 530 Message: 530

It tries Dispatch Message Á. the Group FT 707
73 DE I8QHE Frank

[Non-text portions of this message have been removed]

531. Looking for Yaesu FC-707

Yahoo group: FT-707
Date: 2008-05-18 15:59:43 UTC
From: Alex Almonte
Topic: 531 Message: 531

Hi,

Still looking for a working Yaesu FC-707 antenna coupler; Guys, if you have a spare unit, please let let know. Please email me at <dw1uby@gmail.com>. I'm still using my Yaesu FT-707 HF xcvr without a tuner (still using resonant antennas).

Many thanks.

532. TRANSMISSION

Yahoo group: FT-707
Date: 2008-05-19 04:56:29 UTC
From: BRIAN
Topic: 532 Message: 532

Hi, I find that when I press the mike button the left hand display
loses power (it goes blank,does not light up)
Is this because of a mismatch in impedance between the output
stage and the antenna?
73s Utinsay

533. Re: [FT-707] TRANSMISSION

Yahoo group: FT-707
Date: 2008-05-19 14:21:39 UTC
From: RADIOHEAD
Topic: 532 Message: 533

Check if ALC button is activated.

BRIAN <blsutton@...> wrote: Hi, I find that when I press the mike button the left hand display
loses power (it goes blank,does not light up)
Is this because of a mismatch in impedance between the output
stage and the antenna?
73s Utinsay

Best regards,

ALEX ALMONTE
Send instant messages to your online friends http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

534. Fw: [ARLCJ] New file uploaded to ARLCJ

Yahoo group: FT-707
Date: 2008-05-20 08:07:35 UTC
From: Frank i8qhe
Topic: 534 Message: 534

```
----- Original Message -----
From: ARLCJ@yahoogroups.com
To: ARLCJ@yahoogroups.com
Sent: Sunday, May 18, 2008 8:42 PM
Subject: [ARLCJ] New file uploaded to ARLCJ

Ciao,

desideriamo farti sapere che, nella sezione File del gruppo
ARLCJ, troverai un nuovo file appena caricato.

File : /mercatino villapiana.zip
Caricato da : i8qhe <i8qhe@...>
Descrizione : 1^FIERA DELLA RADIO ANNO 2008

Puoi accedere al file dal seguente indirizzo:
http://it.groups.yahoo.com/group/ARLCJ/files/mercatino%20villapiana.zip

Per ulteriori informazioni su come condividere i file con gli altri
iscritti al tuo gruppo, vai invece alla sezione di Aiuto al seguente
indirizzo:
http://eur.help.yahoo.com/help/it/groups/files

Cordiali saluti,

i8qhe <i8qhe@...>

[Non-text portions of this message have been removed]
```

535. Re:TRANSMISSION

Yahoo group: FT-707
Date: 2008-05-21 01:11:33 UTC
From: Phillips, Dave (AZ15)
Topic: 532 Message: 535

Utinsay

I think what you are seeing is normal behavior. The left portion of the FT-707 display is a colored bar graph. It is the signal strength indicator in receive. In transmit, it is the relative power out or ALC level indicator depending on the setting of the ALC button.

When you simply press the mike button, the display switches to transmit mode and shows only the effective power output or the level of ALC applied to keep from over-driving the transmit output.

Single Side Band transmission suppresses the carrier output, mixing it with the audio to generate a transmit signal of modulation that varies approximately 2.5Khz at the selected transmit frequency. This means that in SSB Mode, the relative output level of the transmitter is zero when you are are not speaking into the mic. As you speak into the microphone, the output level indicator should "pulse", indicating the relative output power of the modulated signal.

The FT-707 has controls for both transmit carrier power level as well as microphone audio level. The carrier power output level is controled by the carrier level control "CAR", and the Mic audio level is provided by the "Mic" control.

Regards

Dave

KB7JS

Honeywell

Automation and Control Solutions

Dave Phillips

Research and Development

2500 West Union Hills

Phoenix, AZ 85027

tel: 602.313.5057 / fax: 602.313.3012

mailto:dave.l.phillips@...
<mailto:dave.l.phillips@...>

[Non-text portions of this message have been removed]

536. Re: TRANSMISSION

Yahoo group: FT-707
Date: 2008-05-21 01:11:55 UTC
From: kb7js
Topic: 532 Message: 536

--- In FT-707@yahoogroups.com, "BRIAN" <blsutton@...> wrote:
>
> Hi, I find that when I press the mike button the left hand display
> loses power (it goes blank,does not light up)
> Is this because of a mismatch in impedance between the output
> stage and the antenna?
> 73s Utinsay
>
Utinsay

I think what you are seeing is normal behavior. The left portion of the FT-707 display is a colored bar graph. It is the signal strength indicator in receive. In transmit, it is the relative power out or ALC level indicator depending on the setting of the ALC button.

When you simply press the mike button, the display switches to transmit mode and shows only the effective power output or the level of ALC applied to keep from over-driving the transmit output.

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The FT-707 has controls for both transmit carrier power level as well as microphone audio level. The carrier power output level is controled by the carrier level control "CAR", and the Mic audio level is provided by the "Mic" control.

Regards

Dave
KB7JS

537. ALC

Yahoo group: FT-707
Date: 2008-05-23 13:17:42 UTC
From: BRIAN
Topic: 537 Message: 537

I remember posts of sticking ALC relays but can't remember if it was in relation to IC 730s 707s.
I would like to know what effect ,if nay, a sticking ALC relay has on transmission?
Also what is supposed to happen to the screen display in relation to the ALC key being depressed or not depressed?

538. Newbie calling

Yahoo group: FT-707
Date: 2008-05-26 16:16:21 UTC
From: Dave
Topic: 538 Message: 538

Hi.
I thought I would pop in and say hello after finding this group by chance and just joined.

I have an Ft707 that I purchased about 5 years ago on a spares or repair basis.
The radio had been lovingly abused by a radio club whose members had been inside the case and generally made a mess of the mods and repairs they had carried out.
Someone had tried to carry out an 11metre mod and attempted to wind the TX output up to a silly setting.
With the of a local G3 the TX was sorted and and now delivers a more sensible 90watts maximum. The 11metre mod was removed and the radio restored to original 10metre set up.

Having a garden that is so small that any kind of antenna farming was difficult have I only really used the radio to listen. After a short time the radio developed a fault where it was obviously receiving but no audio could be heard through the speaker or headphones. An investigation using the time tested "tapping boards with a pencil" located the problem board.
I think the Yaesu manual refers to this as the AF board. I soon found a few dry joints and places where the pcb tracks were lifting. Some delicate work with the soldering iron and fine wire soon rectified these issues, but other sections of track would soon start to lift requiring more attention.
Fortunately a local ham gave me a box of "scrap" bits to sort through and I found a brand new board still sealed to replace the slowly decaying one. :-)
There was also a couple of other boards from the FT707 plus a brand new original Frequency display.

I have since bought the FC-707 ATU from a Silent Key sale upon which further inspection found the item to be almost mint. I suspect from the lack of dust inside that it had seen little use.
I have also picked up a Sommerkamp 767DX from a silent key sale. This has been found to be in full working order but the case has been repainted at some time. The paint match is not bad.

It is only in the last month or so that I started to use the rigs to transmit with, using a Backpacker antenna indoors and less than 20 watts. I have had reasonable success on 20 metres, but due to aerial inadequacies and band conditions 40 and 80 have yielded nothing. I have used the Sommerkamp at a local ham's shack during an 80mtr contest and found it to be a solid performer at around 60watts pep.
I found 10 and 15 metres to be open this saturday afternoon and had

some nice contacts running around 6 watts to the indoor aerial.
Although the rx seems a little deaf in comparison to newer radios (this could be due to the indoor aerial), I'm very pleased with the overall performance. The audio reports I get back are good just using a standard Yaesu fist mic. These compliments come unprompted which is nice. In fact one special event station in Slovenia on hearing I was only using 6 watts then chatted with me for several minutes discussing my QRP lash up much to the annoyance of other stations waiting to call him. As he pointed out to a high power Italian station afterwards my QRP and good audio got me in the log just as efficiently as his rock crushing signal and overdriven audio! I have the mic gain set just below half way, this is not due to any scientific method other than it seemed to get the most first time responses during an 80mtr contest.

I have noticed that sometimes the frequency readout changes rapidly when transmitting ssb on 10 metres but not AM or CW. An external frequency counter shows the output centre frequency to be stable, sometimes the readout continues to mess around when switched back to receive, but again the radio appears not to be moving frequency. This does not appear to happen on any other band. Having Googled the fault description I have seen the suggestion that it may be an issue cause by earthing oddities in my aerial system, it has also been suggested that another user in the states had a similar issue on 10mtr rx when very local Cbers were active.

Has anyone else experienced this at all?

Over all I like the radio but the only downer is it's size should I decide to take HF on holiday with me.
I also HF a MKII FT290 and have previously also owned MkI FT290 & MkI FT790. Personally I prefer the older Yaesu look than the newer model.

That's it - waffle over

73 Dave - G7HNO

539. Re: Newbie calling

Yahoo group: FT-707
Date: 2008-05-26 22:46:34 UTC
From: David Corney
Topic: 538 Message: 539

Welcome to the group, Dave. I tend to listen, but not say a lot. My FT-707 has been with me since new and must be getting on for 20 years old. I have not used it for a while, but should.

This is not the busiest group on Yahoo, but you will find the people are friendly and willing to help if they can.

Regards,

David
G4UPT

--- In FT-707@yahoogroups.com, Dave <dave@...> wrote:
>
> Hi.
> I thought I would pop in and say hello after finding this group by
> chance and just joined.
>
<sniped>
>
> 73 Dave - G7HNO
>

540. Re: Newbie calling

Yahoo group: FT-707
Date: 2008-05-27 02:05:17 UTC
From: BRIAN
Topic: 538 Message: 540

Hi Dave, I am in a some what similar situation to you,but do not have your technical know how. I have your freq read out problem on 80M during receive. As yet I am not in a position to try transmission, due to lack of antenna etc. 77s Brian

--- In FT-707@yahoogroups.com, Dave <dave@...> wrote:
>
> Hi.
> I thought I would pop in and say hello after finding this group by
> chance and just joined.
>
> I have an Ft707 that I purchased about 5 years ago on a spares or
repair
> basis.
> The radio had been lovingly abused by a radio club whose members had
> been inside the case and generally made a mess of the mods and repairs
> they had carried out.
> Someone had tried to carry out an 11metre mod and attempted to wind
> the TX output up to a silly setting.
> With the of a local G3 the TX was sorted and and now delivers a more
> sensible 90watts maximum. The 11metre mod was removed and the radio
> restored to original 10metre set up.
>
> Having a garden that is so small that any kind of antenna farming was
> difficult have I only really used the radio to listen. After a short
> time the radio developed a fault where it was obviously receiving but
no
> audio could be heard through the speaker or headphones. An
investigation
> using the time tested "tapping boards with a pencil" located the
problem
> board.
> I think the Yaesu manual refers to this as the AF board. I soon found
a
> few dry joints and places where the pcb tracks were lifting. Some
> delicate work with the soldering iron and fine wire soon rectified
these
> issues, but other sections of track would soon start to lift requiring
> more attention.
> Fortunately a local ham gave me a box of "scrap" bits to sort through
> and I found a brand new board still sealed to replace the slowly
> decaying one. :-)
> There was also a couple of other boards from the FT707 plus a brand
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> original Frequency display.

>
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> lack of dust inside that it had seen little use.
> I have also picked up a Sommerkamp 767DX from a silent key sale. This
> has been found to be in full working order but the case has been
> repainted at some time. The paint match is not bad.
>
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> transmit with, using a Backpacker antenna indoors and less than 20
> watts. I have had reasonable success on 20 metres, but due to aerial
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> used the Sommerkamp at a local ham's shack during an 80mtr contest and
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> I found 10 and 15 metres to be open this saturday afternoon and had
> some nice contacts running around 6 watts to the indoor aerial.
> Although the rx seems a little deaf in comparison to newer radios
(this
> could be due to the indoor aerial), I'm very pleased with the overall
> performance. The audio reports I get back are good just using a
standard
> Yaesu fist mic. These compliments come unprompted which is nice. In
fact
> one special event station in Slovenia on hearing I was only using 6
> watts then chatted with me for several minutes discussing my QRP lash
> up much to the annoyance of other stations waiting to call him. As he
> pointed out to a high power Italian station afterwards my QRP and good
> audio got me in the log just as efficiently as his rock crushing
signal
> and overdriven audio! I have the mic gain set just below half way,
this
> is not due to any scientific method other than it seemed to get the
most
> first time responses during an 80mtr contest.
>
> I have noticed that sometimes the frequency readout changes rapidly
> when transmitting ssb on 10 metres but not AM or CW. An external
> frequency counter shows the output centre frequency to be stable,
> sometimes the readout continues to mess around when switched back to
> receive, but again the radio appears not to be moving frequency. This
> does not appear to happen on any other band. Having Googled the fault
> description I have seen the suggestion that it may be an issue cause
by
> earthing oddities in my aerial system, it has also been suggested that
> another user in the states had a similar issue on 10mtr rx when very
> local Cbers were active.
>
> Has anyone else experienced this at all?

>
>
> Over all I like the radio but the only downer is it's size should I
> decide to take HF on holiday with me.
> I also HF a MKII FT290 and have previously also owned MkI FT290 & MkI
> FT790. Personally I prefer the older Yaesu look than the newer model.
>
> That's it - waffle over
>
> 73 Dave - G7HNO
>

541. Re: Newbie calling

Yahoo group: FT-707
Date: 2008-05-26 19:01:47 UTC
From: Greg W:-)
Topic: 538 Message: 541

Hi Dave.

I don't post here often as I am busy with other QRP and homebrewed things.
But I thought I would say , What is it with the 707 and bad
modifications.??
My 707 was SOOO screwed up it barely did anything rite, and it took
ages to methodically get through the mess.

I guess the 11 meter mod is a give away here , If I ever buy another
707 , I will avoid any that has a CB band Xtal in it.
Its just not worth the headaches.

Anyway , after a full strip , check and rebuild my radio is as good as
an old radio can get....not perfect , ,but almost.

Glad you got yours going.

Regards

gregW:-) OH2FFY
http://oh2ffy.50webs.com

==========

--- In FT-707@yahoogroups.com, Dave <dave@...> wrote:
>
> Hi.
> I thought I would pop in and say hello after finding this group by
> chance and just joined.
SNIP
>
> That's it - waffle over
>
> 73 Dave - G7HNO
>

542. Re: [FT-707] Re: Newbie calling

Yahoo group: FT-707
Date: 2008-05-27 12:36:32 UTC
From: David
Topic: 538 Message: 542

Thanks for the replies and welcomes to the group.

Interesting to hear other peoples stories etc.

I will try and get to the bottom of the changing frequency display - Having the two radios I can run the side by side and compare voltages and the like. It's not a major issue but it would be nice to have the display working correctly.

Greg mentioned the large numbers of FT-707's that have suffered at the hands of poor conversion attempts. The 707 became popular very quickly as it "easily" lent it's self to the 11 metre conversion, just change crystals etc no synthesiser fiddling. With the sudden explosion of interest in CB in the UK around 1979-80 the sets became quite common, as if properly converted they worked very nicely on the FCC AM CB frequencies and had the SSB option with up to 100 watts to boot. Most of the other CB multimode sets of the time were only about 12 watts pep making the 707 an attractive radio for the keen 11 metre Dxer.
I think the Sommerkamp version (767) had this in mind as the coverage is 26.999 to 28.999 as standard rather than the 707's 27.999 to 29.999 and was probably intended as the "CBers friend". Interestingly the 767 has the narrow CW filter as standard (mine does anyway) while it appears to be an extra for the 707. I would have expected the filter to be of more value on the Ham orientated radio.

Obviously the adoption of FM as the standard mode for CB across Europe soon caused the appeal to drop.

I would like to get the matching PSU at sometime to complete the set. I know where the one that came with my 707 currently resides but it is regularly used and still has a reasonable value to the owner. I have no need of it but it would be nice to complete the line up one day.

73 Dave

_,_._,___

[Non-text portions of this message have been removed]

543. Re: Newbie calling

Yahoo group: FT-707
Date: 2008-05-27 13:35:19 UTC
From: robialbion
Topic: 538 Message: 543

Hi Dave

Please don't worry about waffling, I found it interesting and I'm just as sure others did too, its always nice to have a 'yarn' in whatever medium. Interesting to hear about the frequency readout thing, I obtained a silent key FT101ZD in 'spares only' condition last year for £25 and now 12 months later, a little elbow grease and 2 bottles of wine to a local and very helpful GJ4 it is a solid performer on 20m and 40m though still yet to try it properly elsewhere in the bands. I have a new set of valves for it which may make it even better but the frequency readout which sits solidly and happily on the set frequency ALWAYS starts flashing after exactly 30minutes showing random numbers until it is unuseable. Quite handy when I tell my better half I'm going up to the shack but I'll "only be half an hour" hi hi!! The FT707 is still the favourite though and good fun to use, I'm pleased you enjoy yours. I used to work 20m indors with 5watts through a mag loop antenna when I lived in a flat a few years ago and it is rewarding!!

best regards
RobL 2J0RZD

--- In FT-707@yahoogroups.com, Dave <dave@...>

544. Re: [FT-707] Re: Newbie calling

Yahoo group: FT-707
Date: 2008-05-27 19:52:43 UTC
From: Dave
Topic: 538 Message: 544

Hi Rob

I think that the 101ZD uses the same frequency display as the FT707, I'm keen to find a fix.
Would be great if it can be passed down and will sort your issue as well. Spookily just found your blog while googling for info into this problem.

73 Dave

robialbion wrote:
>
> Hi Dave
>
> Please don't worry about waffling, I found it interesting and I'm
> just as sure others did too, its always nice to have a 'yarn' in
> whatever medium. Interesting to hear about the frequency readout
> thing, I obtained a silent key FT101ZD in 'spares only' condition
> last year for £25 and now 12 months later, a little elbow grease and
> 2 bottles of wine to a local and very helpful GJ4 it is a solid
> performer on 20m and 40m though still yet to try it properly
> elsewhere in the bands. I have a new set of valves for it which may
> make it even better but the frequency readout which sits solidly and
> happily on the set frequency ALWAYS starts flashing after exactly
> 30minutes showing random numbers until it is unuseable. Quite handy
> when I tell my better half I'm going up to the shack but I'll "only
> be half an hour" hi hi!! The FT707 is still the favourite though and
> good fun to use, I'm pleased you enjoy yours. I used to work 20m
> indors with 5watts through a mag loop antenna when I lived in a flat
> a few years ago and it is rewarding!!
>
> best regards
> RobL 2J0RZD
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>, Dave
> <dave@...>
>
>
> ----------
> *Text inserted by Platinum 2007:*
>
> This message has NOT been classified as spam. If it is unsolicited
> mail (spam), click on the following link to reclassify it: It is spam!
> <http://127.0.0.1:6083/Panda?ID=pav_10166&SPAM=true>
> ----------

[Non-text portions of this message have been removed]

545. display fix

Yahoo group: FT-707
Date: 2008-05-28 14:27:36 UTC
From: corner5
Topic: 538 Message: 545

Hello Dave and other fans of the FT-707.

I am writing to pass on my success story of repairing the erratic digital display on my FT rig. I own both the FT-707 as well as its big brother the FT-107. For those that do not know, the 707 was Yaesu's answer to the mobile community at that time. They essentially stripped down and shrunk the FT-107. I go into this to highlight the how similar these units are. In fact they share much with the original FT-101.

The display unit is so close between these two rigs that it shares the same failure mode that is being discussed here. My FT-107 display was occasionally displaying totally wrong segments, then would return to correct for a bit, then start off into the same failure cycle.

In the end I found Teruhiko Hayashi (JA2SVZ) and his magic fix:

http://homepage3.nifty.com/RadioGaGa/COUNTER_e/index.html

A quote from his site: ""Pre-DSP/MPU era transceivers" from YAESU often made use of a custom integrated circuit (IC), MSM9520RS in their DISPLAY COUNTER UNIT. The bad news is that MSM9520RS is somewhat prone to failures. Since this particular IC was not a standard product but a custom ordered IC by YAESU and its production has been discontinued for long time, there is very little hope to obtain a replacement part for repair, at even world famous TOKYO AKIHABARA!
This replacement module takes advantages of the flexibilities of PIC microcontroller (PIC 16F873) to "simulate" the exact functionalities of MSM9520RS in the DISPLAY COUNTER UNIT: PB-2086A, equipped in FT-101Z, FT-107, FT-707 and FT-901/902. This module restores their frequency display functionality when MSM9520RS fails."

I purchased two; one to fix the FT-107 and a second to have on hand should the FT-707 ever need it. My FT-107 is now fully restored with respect to this failure. Teruhiko was VERY helpful via email with my questions. I highly recommend this mod.

##########################

At risk of droning on too long I will mention a second FT adventure I am working through.... I am currently making my own remote VFO that will run with either of the above two rigs. My approach is to use another great kit offered by Norcal. This is the pairing of the FCC-1 and FCC-2 kits. The prior is the frequency counter and the later is the VFO. There are some eccentricities to work through though, such as addressing the fact that these rigs invert the input VFO sine wave frequency. Details, Details.

Here is the page for the FCC2: http://www.norcalqrp.org/fcc2.htm

I hope this is helpful.

.paul

[Non-text portions of this message have been removed]

546. Re: display fix

Yahoo group: FT-707
Date: 2008-05-28 16:57:15 UTC
From: Greg W:-)
Topic: 538 Message: 546

And no wonder , ever felt the heat that comes off that IC when running.

The best thing a person can do with his Yaesu is get rid of that IC
and use that pic instead.

gregW:-) OH2FFY

==========

--- In FT-707@yahoogroups.com, corner5 <corner5@...> wrote:
SNIP
>The bad news is that MSM9520RS is somewhat prone to
> failures.
SNIP
> .paul

547. Re: [FT-707] display fix

Yahoo group: FT-707
Date: 2008-05-28 19:24:50 UTC
From: Ernie Gray
Topic: 538 Message: 547

Hello Paul, Dave and FT-707 Groupies,

I too have an FT-707 and my display takes off and wanders up and down in frequency but the operating frequency doesn't seem to change. I think... I have not been home or seen the rig in 7 months. Is this the same issue as yours??

Did you guys employ this PIC repair and if so how does it work out for you??

I bought this rig for primarily a mobile rig, so I don't drag my FT-847 around, but thought I may run transverters with it too.

Thanks & 73's, Ernie
W1MRQ/ZD8B
Ascension Island
South Atlantic Ocean

corner5 <corner5@...> wrote:
Hello Dave and other fans of the FT-707.

I am writing to pass on my success story of repairing the erratic digital display on my FT rig. I own both the FT-707 as well as its big brother the FT-107. For those that do not know, the 707 was Yaesu's answer to the mobile community at that time. They essentially stripped down and shrunk the FT-107. I go into this to highlight the how similar these units are. In fact they share much with the original FT-101.

The display unit is so close between these two rigs that it shares the same failure mode that is being discussed here. My FT-107 display was occasionally displaying totally wrong segments, then would return to correct for a bit, then start off into the same failure cycle.

In the end I found Teruhiko Hayashi (JA2SVZ) and his magic fix:

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This replacement module takes advantages of the flexibilities of PIC microcontroller (PIC 16F873) to "simulate" the exact functionalities of MSM9520RS in the DISPLAY COUNTER UNIT: PB-2086A, equipped in FT-101Z, FT-107, FT-707 and FT-901/902. This module restores their frequency display functionality when MSM9520RS fails."

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##########################

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Here is the page for the FCC2: http://www.norcalqrp.org/fcc2.htm

I hope this is helpful.

.paul

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

548. Re:[FT-707] display fix

Yahoo group: FT-707
Date: 2008-05-28 19:59:39 UTC
From: Dave
Topic: 538 Message: 548

Good Evening Paul

Thanks for the info regarding the alternative Frequency Display.
I have seen the website for the mod and wondered about trying it.

I had assumed that a faulty display meant dead segments and the like, it never occurred
to me that the actual counter ic could be an issue. Your description confirms my assumption that the counter also appeared on other models.

Although I have an unused Yaesu one which I will fit to the 767 an see what happens I will send for the mod
so I have a good spare. I would like to keep one of the "old girls" as authentic as possible.

As Greg mentions the Ic gets warm - as I tend to be relatively QRP and short overs on HF the counter gets warmer than my PA!
The service manual helpfully suggests that incorrect frequency display is caused by Low Premix Local signal. There was a mod carried out on later models to raise the premix level - so I'll look into this.

73s Dave

549. Re: display fix

Yahoo group: FT-707
Date: 2008-05-30 20:25:10 UTC
From: Dave G7HNO
Topic: 538 Message: 549

--- In FT-707@yahoogroups.com, Ernie Gray <w1mrq@...> wrote:
>
> Hello Paul, Dave and FT-707 Groupies,
>
> I too have an FT-707 and my display takes off and wanders up and
down in frequency but the operating frequency doesn't seem to change.
I think... I have not been home or seen the rig in 7 months. Is this
the same issue as yours??
>

Hi Ernie

This sounds like you have the same issues with your display.
I have not tried the pic mod yet,but I will get one ordered and try it
out.

Dave

For any 707 completists or anyone looking for a tuner there is a UK
seller on ebay selling an FC-707 - Currently at around £50 with 14
hours to go. Item number is: 170222354837

550. Re: display fix

Yahoo group: FT-707
Date: 2008-05-31 13:10:23 UTC
From: ac5xp
Topic: 538 Message: 550

Ernie, this sounds like the counter chip is not getting enough signal from the VFO. This is most likely caused by the cmos switch on the counter board, or some of the components around it. Measure the resistors, and replace the caps and otherwise the MOS switch itself, and things should work again

73, Luke AC5XP

--- In FT-707@yahoogroups.com, Ernie Gray <w1mrq@...> wrote:
>
> Hello Paul, Dave and FT-707 Groupies,
>
> I too have an FT-707 and my display takes off and wanders up and down in frequency but the operating frequency doesn't seem to change. I think... I have not been home or seen the rig in 7 months. Is this the same issue as yours??
>
> Did you guys employ this PIC repair and if so how does it work out for you??
>
> I bought this rig for primarily a mobile rig, so I don't drag my FT-847 around, but thought I may run transverters with it too.
>
> Thanks & 73's, Ernie
> W1MRQ/ZD8B
> Ascension Island
> South Atlantic Ocean
>

551. FT-707DM

Yahoo group: FT-707
Date: 2008-06-02 19:24:29 UTC
From: ballj90
Topic: 551 Message: 551

Hi there fellow 707 owners,
I've been the proud owner of a FT-707 for a couple of years. It was a tatty example off Ebay but basically sound and after a respray in gun metal grey it looks the business. The only problems I have had to date were a smoking capacitor in the PA (dipped mica 1000pF) which I promptly replaced and a burnt out tantalum bead cap on the fan board - one night smoke poured out of the rig whilst on receive but the thing kept on working ! Sorted that one but had to do quite a bit of dismantling first. Have had problems with shorted tantalum caps in other equipment of 25 year plus vintage as well - one for the book. Love the way these rigs are built like a tank but are still repairable with modest equipment !

Anyway, I have recently purchased a FV-707DM to go with the FT-707, problem is it doesn't memorise any frequencies (although it will tune up and down the bands) This makes it hard work to use. The schematic that comes with the FT-707 doesn't seem to bear any relation to the actual PCB as far as the control board anyway. Memory selection seems to be taking place i.e. the buttons on the front set the memory addressing as far as I can tell. I'm guessing the problem lies with the mystery 42 pin DIL chip (in a socket) which I have been unable to get any data on. It's marked D1510C and is made by NEC. It's at this point that the memory address voltages disappear. Do any of you good fellows know what this chip is and whether it can be replaced or even replicated in a homebrew fashion? A schematic of the control unit I have would be a step in the right direction. Any help at all would be greatly appreciated. Here's hoping ....
73's
Jim

552. Re: FT-707DM

Yahoo group: FT-707
Date: 2008-06-03 03:13:37 UTC
From: andre_pe1hwo
Topic: 551 Message: 552

Hi Jim,

You can find the schematic in the file section of this Yahoo group:

http://f1.grp.yahoofs.com/v1/sLNESJs_tKFdVEgsUyuIyEIctgcspY12_Pa1k7nSgFEU553k6ewrJYE_ZzDa7LggmNR6jQ0Wzv0SHnhlCAR4Z2TENGfFI5MgF0U/Yaesu%20FV-707%20diagrams%20%28late%20model%29.pdf

I have a FV-700DM (which is identical with the late model FV-707DM)
which doesn't work either. It suffered some damage from forgotten
leaking batteries by the previous owner, which made good use of since
there is plenty wear of the plastic front.
The voltages all seem to be okay.

73 André pe1hwo

--- In FT-707@yahoogroups.com, "ballj90" <ballj90@...> wrote:
>
> Hi there fellow 707 owners,
> I've been the proud owner of a FT-707 for a couple of years. It was a
> tatty example off Ebay but basically sound and after a respray in gun
> metal grey it looks the business. The only problems I have had to
> date were a smoking capacitor in the PA (dipped mica 1000pF) which I
> promptly replaced and a burnt out tantalum bead cap on the fan board -
> one night smoke poured out of the rig whilst on receive but the
> thing kept on working ! Sorted that one but had to do quite a bit of
> dismantling first. Have had problems with shorted tantalum caps in
> other equipment of 25 year plus vintage as well - one for the book.
> Love the way these rigs are built like a tank but are still
> repairable with modest equipment !
>
> Anyway, I have recently purchased a FV-707DM to go with the FT-707,
> problem is it doesn't memorise any frequencies (although it will tune
> up and down the bands) This makes it hard work to use. The schematic
> that comes with the FT-707 doesn't seem to bear any relation to the
> actual PCB as far as the control board anyway. Memory selection seems
> to be taking place i.e. the buttons on the front set the memory
> addressing as far as I can tell. I'm guessing the problem lies with
> the mystery 42 pin DIL chip (in a socket) which I have been unable to
> get any data on. It's marked D1510C and is made by NEC. It's at this
> point that the memory address voltages disappear. Do any of you good
> fellows know what this chip is and whether it can be replaced or even
> replicated in a homebrew fashion? A schematic of the control unit I
> have would be a step in the right direction. Any help at all would be
> greatly appreciated. Here's hoping ....
> 73's
> Jim

>

553. New file uploaded to FT-707

Yahoo group: FT-707
Date: 2008-06-03 03:18:07 UTC
From: FT-707@yahoogroups.com
Topic: 328 Message: 553

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT-707
group.

File : /sch_fv-707dm.djvu
Uploaded by : andre_pe1hwo <pe1hwo@...>
Description : Schematic of FV-707DM (use Irfanview to open djvu file)

You can access this file at the URL:
http://groups.yahoo.com/group/FT-707/files/sch_fv-707dm.djvu

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

andre_pe1hwo <pe1hwo@...>

554. michrophone scoket

Yahoo group: FT-707
Date: 2008-06-04 13:04:44 UTC
From: paul bailey
Topic: 554 Message: 554

hello all i was wondering if any one as the wiring digram for the back of the socket in the radio some of my wires have come off some how and i can not find were they go or find a digram, also i am having problems it keys up some time and sometimes does not i brought new mic and it still the same could be down to the wireing on the back of the socket in the radio so im looking for a digram of it if any one can help me please send email to bail@...
thankyou take care 73s m3htu

555. Re: [FT-707] michrophone scoket

Yahoo group: FT-707
Date: 2008-06-04 19:14:49 UTC
From: Dave
Topic: 554 Message: 555

Good Evening Paul

According to the service manual

1 Black White
2 Black & bridged to 5
3 White
4 Green White
5 Bridged to 2
6 White Green
7 Earth
8 Brown -Shield

I can scan the page for you if you need it but I probably won't get to
do this until sunday.

hope this helps

73 Dave
G7HNO

paul bailey wrote:
>
> hello all i was wondering if any one as the wiring digram for the back
> of the socket in the radio some of my wires have come off some how and
> i can not find were they go or find a digram, also i am having problems
> it keys up some time and sometimes does not i brought new mic and it
> still the same could be down to the wireing on the back of the socket
> in the radio so im looking for a digram of it if any one can help me
> please send email to bail@... <mailto:bail%40b8ptb.co.uk>
> thankyou take care 73s m3htu
>
>
> ----------

> *Text inserted by Platinum 2007:*
>
> This message has NOT been classified as spam. If it is unsolicited
> mail (spam), click on the following link to reclassify it: It is spam!
> <http://127.0.0.1:6083/Panda?ID=pav_10513&SPAM=true>
> ----------

[Non-text portions of this message have been removed]

556. Re: [FT-707] michrophone scoket

Yahoo group: FT-707
Date: 2008-06-04 19:25:18 UTC
From: Bail
Topic: 554 Message: 556

hi dave thank you for the information if you get time page would be sound but ill try from what you have sent me thank you very much take care keep in touch 73s bail m3htu

[Non-text portions of this message have been removed]

557. Re: [FT-707] michrophone scoket

Yahoo group: FT-707
Date: 2008-06-04 20:01:52 UTC
From: Bail
Topic: 554 Message: 557

hi again dave is this for the microphone socket in the radio because mine are diffrent, the few that have come of and the ones left on are in diffrent palces wonder if it is wired wrong??mm, or is it for the plig that goes on the mic thanks agin?? total lost now haa

[Non-text portions of this message have been removed]

558. Re: New file uploaded to FT-707

Yahoo group: FT-707
Date: 2008-06-04 20:29:11 UTC
From: ballj90
Topic: 328 Message: 558

Andre,

many thanks for the schematic and info on how to view it. It should make life easier when I get round to analysing the faulty FV-707DM. Great stuff.

Jim M0LJB

--- In FT-707@yahoogroups.com, FT-707@...m wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the FT-707
> group.
>
> File : /sch_fv-707dm.djvu
> Uploaded by : andre_pe1hwo pe1hwo@...
> Description : Schematic of FV-707DM (use Irfanview to open djvu file)
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/FT-707/files/sch_fv-707dm.djvu
>
> To learn more about file sharing for your group, please visit:
>
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlf\
iles
>
> Regards,
>
> andre_pe1hwo pe1hwo@...
>

559. Re: [FT-707] michrophone scoket

Yahoo group: FT-707
Date: 2008-06-04 20:43:37 UTC
From: Dave
Topic: 554 Message: 559

Hi

The layout is for the socket - the diagram is dated september 1980.
I'll try and get inside mine tomorrow night. It may be that the manual
shows a different loom colour scheme.

Dave

Bail wrote:
>
> hi again dave is this for the microphone socket in the radio because
> mine are diffrent, the few that have come of and the ones left on are
> in diffrent palces wonder if it is wired wrong??mm, or is it for the
> plig that goes on the mic thanks agin?? total lost now haa
>
> [Non-text portions of this message have been removed]
>
>
> ----------

> *Text inserted by Platinum 2007:*
>
> This message has NOT been classified as spam. If it is unsolicited
> mail (spam), click on the following link to reclassify it: It is spam!
> <http://127.0.0.1:6083/Panda?ID=pav_10548&SPAM=true>
> ----------

[Non-text portions of this message have been removed]

560. Connecting 707 to an Amplifier

Yahoo group: FT-707
Date: 2008-06-07 17:24:26 UTC
From: mknight52
Topic: 560 Message: 560

I have an older Bandit 2000c that I would like to use with my 707. I have a keying circuit that has an RCA plug going into the amp from the circuit and another one that comes to the exciter. It is also an an RCA plug, (used on another tranceiver) It is looking for a ground whenever the 707 keys up.
Anyone know where I pick up this ground from the 707? The ACC jack in back shows and E (pin 3) wondering if that makes ground when 707 keys?

Anyone used an amp with this rig?

Thanks,
Mike N5LUB

561. Regarding Previous Post not yet Approved

Yahoo group: FT-707
Date: 2008-06-08 00:21:09 UTC
From: mknight52
Topic: 561 Message: 561

Here is some additional info concerning a not yet approved message. Thought it would be helpful you any of you guys out there who might help me find a solution to keying a linear amp with a Ft 707.The following is an email from an E-ham reviewer who previously owned a 707 :

Quoting his email: "Taking a quick look in the manual, it appears Yaesu never included any amplifier interconnection information. This is very surprising considering that modern day rigs always include this capability and information. I never had an amplifier back in the days that I had this rig, so I have no personal experience with this. The manual also doesn't show the exact pinout of the ACC connector on the back panel. It looks like that connector was intended for interconnection with audio and PTT control connections. It was also used to connect the FV-707 remote VFO.

The June 1981, page 41 QST Product Review for the FT-707 (available here, if an ARRL member: http://www.arrl.org/members-only/prodrev/) states the following:
"No mention of use with an external amplifier is found in the instruction book, and two letters to Yaesu inquiring about the use of outboard amplifiers elicited no response. There are no terminals available for actuating the T-R circuitry of an outboard amplifier. It appears, however, that the operator could connect an external 12-V relay in parallel with the FT-707 VOX/PTT relay for use in controlling a separate amplifier."

Mike N5LUB Texas

562. Re: [FT-707] Regarding Previous Post not yet Approved

Yahoo group: FT-707
Date: 2008-06-08 20:17:19 UTC
From: jim
Topic: 561 Message: 562

Sorry to all members, I was on the fielddayweekend, so there was no internet gateway to work on the group.
--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call
Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

[Non-text portions of this message have been removed]

563. Re: Connecting 707 to an Amplifier

Yahoo group: FT-707
Date: 2008-06-08 23:28:40 UTC
From: andre_pe1hwo
Topic: 560 Message: 563

Hi Mike,

Look at page 1-13 of the service manual:

http://foxtango.ham-radio-op.net/Eighties/FT-707_serv_man.pdf

or

http://www.radioamateur.eu/schemi/FT707_serv.pdf

It gives the schematic of the FBR-707 relays box used for connecting
the FT-707 to the FTV-707 transverter or an amp.

Since the FRB-707 is a rare item, you could just copy the schematic
around RL102. That is all you need.

73 André pe1hwo

--- In FT-707@yahoogroups.com, "mknight52" <lowrider@...> wrote:
>
> I have an older Bandit 2000c that I would like to use with my 707. I
> have a keying circuit that has an RCA plug going into the amp from the
> circuit and another one that comes to the exciter. It is also an an
> RCA plug, (used on another tranceiver) It is looking for a ground
> whenever the 707 keys up.
> Anyone know where I pick up this ground from the 707? The ACC jack in
> back shows and E (pin 3) wondering if that makes ground when 707 keys?
>
> Anyone used an amp with this rig?
>
> Thanks,
> Mike N5LUB
>

564. Re: Connecting 707 to an Amplifier

Yahoo group: FT-707
Date: 2008-06-09 00:04:44 UTC
From: mknight52
Topic: 560 Message: 564

--- In FT-707@yahoogroups.com, "andre_pe1hwo" <pe1hwo@...> wrote:
>
> Hi Mike,
>
> Look at page 1-13 of the service manual:
>
> http://foxtango.ham-radio-op.net/Eighties/FT-707_serv_man.pdf
>
> or
>
> http://www.radioamateur.eu/schemi/FT707_serv.pdf
>
> It gives the schematic of the FBR-707 relays box used for connecting
> the FT-707 to the FTV-707 transverter or an amp.
>
> Since the FRB-707 is a rare item, you could just copy the schematic
> around RL102. That is all you need.
>
> 73 André pe1hwo
>
> Thanks Andre,
Does anyone know if pin 6 of the ACC jack on the rear panel of
the 707 gives the 13.5 volts when the radio is keyed? If so, one
could make an external 12v relay activate the linear.

Mike N5LUB
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>
> --- In FT-707@yahoogroups.com, "mknight52" <lowrider@> wrote:
> >
> > I have an older Bandit 2000c that I would like to use with my 707. I
> > have a keying circuit that has an RCA plug going into the amp from the
> > circuit and another one that comes to the exciter. It is also an an
> > RCA plug, (used on another tranceiver) It is looking for a ground
> > whenever the 707 keys up.
> > Anyone know where I pick up this ground from the 707? The ACC jack in
> > back shows and E (pin 3) wondering if that makes ground when 707 keys?
> >
> > Anyone used an amp with this rig?
> >
> > Thanks,
> > Mike N5LUB
> >
>

565. Re: Connecting 707 to an Amplifier

Yahoo group: FT-707
Date: 2008-06-09 02:06:48 UTC
From: mknight52
Topic: 560 Message: 565

--- In FT-707@yahoogroups.com, "andre_pe1hwo" <pe1hwo@...> wrote:
>
> Hi Mike,
>
> Look at page 1-13 of the service manual:
>
> http://foxtango.ham-radio-op.net/Eighties/FT-707_serv_man.pdf
>
> or
>
> http://www.radioamateur.eu/schemi/FT707_serv.pdf
>
> It gives the schematic of the FBR-707 relays box used for connecting
> the FT-707 to the FTV-707 transverter or an amp.
>
> Since the FRB-707 is a rare item, you could just copy the schematic
> around RL102. That is all you need.
>
> 73 André pe1hwo
>
>
>
> I think I have solved the problem. At least one way. The ACC jack on
the back of the 707 uses pin 6 to give 12 volts whenever the
transceiver is keyed. I simply made a 2 conductor cable that connects
from pin 6 and ground to a 12 volt normally open relay. This controls
the T-R circuit of the linear amp. I just wasn't sure whether the ACC
pin 6 made voltage continuously or only when the radio is keyed. Got
my meter out and tried it, went and got a 7 pin din plug and wired it
up. Walla! So far so good. I'm just a "shade tree" technician hahaha,
thanks, I really appreciate this forum.

Mike N5LUB
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>
> --- In FT-707@yahoogroups.com, "mknight52" <lowrider@> wrote:
> >
> > I have an older Bandit 2000c that I would like to use with my 707. I
> > have a keying circuit that has an RCA plug going into the amp from the
> > circuit and another one that comes to the exciter. It is also an an
> > RCA plug, (used on another tranceiver) It is looking for a ground
> > whenever the 707 keys up.
> > Anyone know where I pick up this ground from the 707? The ACC jack in
> > back shows and E (pin 3) wondering if that makes ground when 707 keys?
> >
> > Anyone used an amp with this rig?
> >
> > Thanks,
> > Mike N5LUB
> >
>

566. new to the group and other things.

Yahoo group: FT-707
Date: 2008-06-10 02:10:02 UTC
From: Ivy
Topic: 566 Message: 566

Hi All,

just got a ft-707, for very cheap :) (about $150 aud) and it has a few little issues (i knew of these before I bought the unit)

Firstly, it's a great little rig, seems that it will be great for me as an introduction to radio.

Anyway, the issues with it are

Firstly, the fan is always on, from what I can tell this isn't normal operation for the device, i'm guessing that the thermistor may have gone.

And secondly, it transmits on very very low power (about .5 watt) and I'm wondering if this is related to the first issue, I haven't really had a poke round with the rig yet, other than just to receive last night.

And to transmit I will need to be licensed anyway.

But thanks for this group, I've gone through a lot of the backlog and found a lot of interesting stuff.

Thanks heaps

~Ivy Jane Gardiner

567. microphone socket wiring ft-707

Yahoo group: FT-707
Date: 2008-06-12 18:52:38 UTC
From: paul bailey
Topic: 567 Message: 567

hi could any one help me plz im trying to re wire the michrophone
socket on the radio,

the wires coming from the front panel are:
darkgreen & white
black & white
black
brown with a white wire attached to it
white
2 x lightgreen & white

from the plug on the board i got
brown with a white wire attached to it
lightgreen & White
could any one tell me where they go ive looked on net and cannot find
anything i have been trying for about month now thanks to anyone who
can help take care 73s paul

568. ICom 718 for sale.

Yahoo group: FT-707
Date: 2008-06-12 21:54:08 UTC
From: Russ Myer
Topic: 568 Message: 568

Hi: Would appreciate some advice. I am moving into a small place where an antenna is absolutely forbidden.

I have a pristine, as new ICom IC-718 with, at most, 10 hours on it. Works into a MFJ antenna matching/tuner; has a very good power supply.

I would like to sell the station to somebody who appreciates good rigs...at a bargain price. I would accept a top-grade 2-meter rig in perfect condition as partial payment.

Any hints as to how to best get the word out and consumate a legitimate deal? I've been advised to use e-Bay, but somehow, I just don't like the idea.

Russ W6TJG

[Non-text portions of this message have been removed]

569. Re: [FT-707] microphone socket wiring ft-707

Yahoo group: FT-707
Date: 2008-06-13 00:21:17 UTC
From: Ivy
Topic: 567 Message: 569

paul bailey wrote:
> hi could any one help me plz im trying to re wire the michrophone
> socket on the radio,
>
> the wires coming from the front panel are:
> darkgreen & white
> black & white
> black
> brown with a white wire attached to it
> white
> 2 x lightgreen & white
>
> from the plug on the board i got
> brown with a white wire attached to it
> lightgreen & White
> could any one tell me where they go ive looked on net and cannot find
> anything i have been trying for about month now thanks to anyone who
> can help take care 73s paul
>

Hi Paul,

do you have a copy of the manual that's available in the files section,
as on page seven, it has the wiring for all of the mics.

This may give you an idea of what wires go where from the front panel.

Also the manual, does have the diags for all parts of the device, and is
pretty much wonderful. As it's given me the information to fix the PA
board on mine.

In regards to my PA issue, it appears all that I needed to do was reseat
a number of connections, though untill I have a dummy load and a SWR meter.

Anway take care

Ivy Jane Gardiner.

570. Re: [FT-707] microphone socket wiring ft-707

Yahoo group: FT-707
Date: 2008-06-13 14:59:25 UTC
From: Bail
Topic: 567 Message: 570

the book i have does not give the colours to the pins it just shows lines so im still lost i have never messed with anything like this before so im bit scared to mess in case i blow it up but if i got the clour goes to pin one ect i think i can doit thanks lot for you help ive searched the net for weeks and can not find what i want thaks take care m3htu paul

[Non-text portions of this message have been removed]

571. Re: [FT-707] microphone socket wiring ft-707

Yahoo group: FT-707
Date: 2008-06-14 04:45:52 UTC
From: roughplanet
Topic: 567 Message: 571

HI Paul.

Everything you need is here:

http://homepage.ntlworld.com/rg4wpw/

Assuming you have the standard YM-37 mike, it's

Pin 6 - white
Pin 7 - black/ground
Pin 8 - red

All other microphones suitable for use with the FT-707
are listed on this site too.

73,

Laurie
VK3EBN

----- Original Message -----
From: paul bailey
To: FT-707@yahoogroups.com
Sent: Friday, June 13, 2008 4:52 AM
Subject: [FT-707] microphone socket wiring ft-707

hi could any one help me plz im trying to re wire the michrophone
socket on the radio,

the wires coming from the front panel are:
darkgreen & white
black & white
black
brown with a white wire attached to it
white
2 x lightgreen & white

from the plug on the board i got
brown with a white wire attached to it
lightgreen & White
could any one tell me where they go ive looked on net and cannot find
anything i have been trying for about month now thanks to anyone who
can help take care 73s paul

No virus found in this incoming message.
Checked by AVG.

Version: 8.0.100 / Virus Database: 270.3.0/1500 - Release Date: 6/12/2008 4:58 PM

[Non-text portions of this message have been removed]

572. Re: [FT-707] microphone socket wiring ft-707

Yahoo group: FT-707
Date: 2008-06-14 06:22:17 UTC
From: Bail
Topic: 567 Message: 572

thankyou for your email but it is the microphone socket on the radio not the mike there are lots wires coming from the front panel and the board thanks paul

[Non-text portions of this message have been removed]

573. undocumented mod?

Yahoo group: FT-707
Date: 2008-06-16 09:08:25 UTC
From: francesco messineo
Topic: 573 Message: 573

Hello all,

I'm new to the group, I own an old FT-707S, which was my first HF radio, acquired third hand with lots of problems and slowly cured (had the 11m and 45m mod and quite a lot of broken solders). I use this radio mostly as transverter IF but sometimes I enjoy listening to the HF bands too.
Having one day resoldered all the PB-2201 (RF-Unit, second version), I found an undocumented mod on the 40m frontend filter. I then checked on other two FT-707 (not S) from friends and found the very same mod, so I concluded it must come from the factory.
Maybe this is old news for some (or all) you, but isn't for me, so I ask here anyway.
Basicly the mod is the lack of L19 and C15. The diode D05 enters directly on the primary side of T06 (normally unused), the other end of this primary winding goes obviously to ground. This causes also a (small?) magnetic DC biasing on T06 core!
Given the bad performance on the 40m band RX I thought it was a mod by Yaesu to try to improuve RX on the 40m band, but my lack of instrumentation prevents me to give a definite answer to this.
Does anyone know why this mod has been carried on all (so far three over three) PB-2201 boards and know for sure if it really gives better RX performance on the 40m band?
Thanks and best regards

Francesco IZ8DWF

574. Re: [FT-707] undocumented mod?

Yahoo group: FT-707
Date: 2008-06-16 19:29:50 UTC
From: Dave
Topic: 573 Message: 574

_
Hi Francesco

There is nothing listed in the service manual regarding the mods you listed.

The only RF unit mods listed are those for Increasing Premix levels and
another for controlling intermodulation distortion.

Even google fails to find anything other than a request for info you
made last year on a home brew newsgroup.

Cheers Dave

[Non-text portions of this message have been removed]

575. Re: [FT-707] undocumented mod?

Yahoo group: FT-707
Date: 2008-06-16 19:35:35 UTC
From: francesco messineo
Topic: 573 Message: 575

Hi Dave,

On 6/16/08, Dave <dave@...> wrote:
>
>
>
>
>
>
>
> _
> Hi Francesco
>
> There is nothing listed in the service manual regarding the mods you listed.
>
> The only RF unit mods listed are those for Increasing Premix levels and
> another for controlling intermodulation distortion.
>
> Even google fails to find anything other than a request for info you
> made last year on a home brew newsgroup.

I know, I just wanted to know if other owners with PB-2201 could
confirm the mod is in place and maybe if someone with good instruments
can test the RX intermod on 40m with and without this mod, it's just
two components to solder in.

Best 73
Francesco IZ8DWF

576. Re: undocumented mod?

Yahoo group: FT-707
Date: 2008-06-16 21:08:01 UTC
From: andre_pe1hwo
Topic: 573 Message: 576

--- In FT-707@yahoogroups.com, "francesco messineo"
<francesco.messineo@...> wrote:
>
> Hi Dave,
>
> On 6/16/08, Dave <dave@...> wrote:
> I know, I just wanted to know if other owners with PB-2201 could
> confirm the mod is in place and maybe if someone with good instruments
> can test the RX intermod on 40m with and without this mod, it's just
> two components to solder in.
>
> Best 73
> Francesco IZ8DWF

Hi Franceso,

Well I can confirm the mod, it is also done in my 707 serial number 1C
1605XX. There is still a rx imd problem on 40m, when using a large
antenne. Reducing the RF gain helps a little, but an attenuator is a
better solution, see the file section, there is a good att in the 160m
conversion article.

btw thanks for the 2m Es qso last year.

73 André pe1hwo

577. Re: [FT-707] Re: undocumented mod?

Yahoo group: FT-707
Date: 2008-06-16 21:23:05 UTC
From: francesco messineo
Topic: 573 Message: 577

Hi Andre,

On 6/16/08, andre_pe1hwo <pe1hwo@...> wrote:
>
>
>
>
>
>
> --- In FT-707@yahoogroups.com, "francesco messineo"
> <francesco.messineo@...> wrote:
> >
> > Hi Dave,
> >
> > On 6/16/08, Dave <dave@...> wrote:
> > I know, I just wanted to know if other owners with PB-2201 could
> > confirm the mod is in place and maybe if someone with good instruments
> > can test the RX intermod on 40m with and without this mod, it's just
> > two components to solder in.
> >
> > Best 73
> > Francesco IZ8DWF
>
> Hi Franceso,
>
> Well I can confirm the mod, it is also done in my 707 serial number 1C
> 1605XX. There is still a rx imd problem on 40m, when using a large
> antenne. Reducing the RF gain helps a little, but an attenuator is a
> better solution, see the file section, there is a good att in the 160m
> conversion article.
>

You're the first confirming from outside Italy!! The mod is well
spread then and its origin is more likely the Yaesu factory itself.
Remains the question why Yaesu didn't document it anywhere, maybe
ashamed about rx imd? Or maybe it's an error? I think DC on the
ferrite coil isn't exactly a good thing for imd performance, as far as
I know at least. However I doubt an error like this would go unnoticed
for such a large production run. The more I think about it the more I
convince myself the only purpose of it might be having some degree of
magnetic saturation into the coil core.
In the end I'd really like to see instrumental measures with and without it.

> btw thanks for the 2m Es qso last year.

You're welcome, it's always good to work some new squares :-)
It seems this year ES is even worse than last year, so far only worked a few (60 or so) stations in 70 MHz band, and ES openings here are less and less every day.
BTW, my 70 MHz transverter is run with the FT-707S, great receiver in the 10m band :-)
Best 73
Francesco IZ8DWF

578. Re: undocumented mod?

Yahoo group: FT-707
Date: 2008-06-17 14:06:15 UTC
From: memsec2
Topic: 573 Message: 578

--- In FT-707@yahoogroups.com, "francesco messineo"
<francesco.messineo@...> wrote:
>
> found an undocumented mod on the 40m frontend filter.

Agreed...I too have the modification on my Ft707 (180970) and I suspect it is an attempt by Yaesu to get over the IMD problems more prevalent on 40mtrs than other bands, (switching diodes of the era being not good enough to be in the signal path).

The whole RX chain seems to have more gain that required on this model of Transceiver so despite having a Ring Diode mixer it does suffer a bit from cross-modulation. To that end, I have fitted a two pole change over relay in TO92 form to switch in a 20db resistive pad utilizing the unused "FIX" button on the front panel. This attenuator is always switched in for 80 and 40 mtr operation.

Regards -- George

579. Re: [FT-707] Re: undocumented mod?

Yahoo group: FT-707
Date: 2008-06-17 15:34:04 UTC
From: David
Topic: 573 Message: 579

I will take another look at the service manual tonight when I get in an d see what it suggests with regard to the IMD issues.

I'll also compare the 707 boards with the Sommerkamp variant if time allows
73 de Dave G7HNO

[Non-text portions of this message have been removed]

580. board wires

Yahoo group: FT-707
Date: 2008-06-17 18:18:01 UTC
From: paul bailey
Topic: 580 Message: 580

i think ive have got the front pannell wires to the michrophone socet now but i still have 3 wires from the plug on the board to go any one have clue were they go plz colours are brown with a white coming from it same as the front panel wire do they go same place and light green and white does that go with the light green white from the front panel aswell thanks paul

581. intermittent problem

Yahoo group: FT-707
Date: 2008-06-23 13:27:12 UTC
From: francesco messineo
Topic: 581 Message: 581

Hi all,

my FT-707S is developing a new fault, I didn't start to troubleshoot it yet, but maybe it's old news, so I try first asking here.

It does it most of the time when cold, in RX there's very low volume and in TX it puts out very low power. Then when back to RX it's often normal, anyway a few TX/RX commutation are enough to "cure" the problem. It then develops it again a few times until probably temperature rise internally.

The TX/RX changeover curing the problem might suggest a dirty relay, but the strange fact is that also when in TX the low power output isn't normal until the RX/TX/RX commutation has been done.
Any idea/hint?

Thanks
Francesco IZ8DWF

582. Re: [FT-707] intermittent problem

Yahoo group: FT-707
Date: 2008-06-30 05:07:41 UTC
From: Dell Smith
Topic: 581 Message: 582

Hi francesco
 I have the same problem with my 707. If you figure it out let me know. I'll do the same.

Dell R Smith
Prosser, WA
KI7XD DN-06

--- On Mon, 6/23/08, francesco messineo <francesco.messineo@...> wrote:

From: francesco messineo <francesco.messineo@...>
Subject: [FT-707] intermittent problem
To: FT-707@yahoogroups.com
Date: Monday, June 23, 2008, 6:27 AM

Hi all,

my FT-707S is developing a new fault, I didn't start to troubleshoot
it yet, but maybe it's old news, so I try first asking here.

It does it most of the time when cold, in RX there's very low volume
and in TX it puts out very low power. Then when back to RX it's often
normal, anyway a few TX/RX commutation are enough to "cure" the
problem. It then develops it again a few times until probably
temperature rise internally.

The TX/RX changeover curing the problem might suggest a dirty relay,
but the strange fact is that also when in TX the low power output
isn't normal until the RX/TX/RX commutation has been done.
Any idea/hint?

Thanks
Francesco IZ8DWF

[Non-text portions of this message have been removed]

583. Re: [FT-707] intermittent problem

Yahoo group: FT-707
Date: 2008-06-30 14:13:51 UTC
From: francesco messineo
Topic: 581 Message: 583

Hi Dell,

On 6/30/08, Dell Smith <doc_2048@...> wrote:
>
>
>
>
>
>
> Hi francesco
> I have the same problem with my 707. If you figure it out let me know. I'll do the same.
>

I still haven't investigated it. If it becomes more frequent or
reproducible I'll let you know what was the problem (I'll post to the
list). I have some other projects to work on for the moment, so as
long as the radio works I leave it alone.

best 73
Francesco IZ8DWF

584. Re: intermittent problem

Yahoo group: FT-707
Date: 2008-06-30 16:14:07 UTC
From: contrap
Topic: 581 Message: 584

--- In FT-707@yahoogroups.com, "francesco messineo"
<francesco.messineo@...> wrote:
>
> Hi Dell,
>
> On 6/30/08, Dell Smith <doc_2048@...> wrote:
> >
> >
> >
> >
> >
> >
> > Hi francesco
> > I have the same problem with my 707. If you figure it out let
me know. I'll do the same.
> >
>
> I still haven't investigated it. If it becomes more frequent or
> reproducible I'll let you know what was the problem (I'll post to
the
> list). I have some other projects to work on for the moment, so as
> long as the radio works I leave it alone.
>
> best 73
> Francesco IZ8DWF
>
Hi Guys

well its kind of sounds like the same type of problem I had with my
707. The audio would fade and the transmit power would decline. At
first I keyed the mic and that seemed to cure the problem and made
me think of a relay problem also, but that idea didnt last long.
As a last resort I used the tried and try amateur radio method of
taping on some of components and the harness with an eraser, and low
and behold I taped one of the harness on the bottom on the rig
around the centre front and I found a wire not fully connected in
the harness I pressd it in and havent had a problem since.
great rig love it

585. message from your moderator.

Yahoo group: FT-707
Date: 2008-07-16 05:55:53 UTC
From: pe1rea
Topic: 585 Message: 585

Hello everybody, I go on hollyday for a few weeks.
So the next 3 weeks there is no moderator on the group.
And also no posting too. :-)

586. moderator of your group is back. :-)

Yahoo group: FT-707
Date: 2008-08-01 19:05:21 UTC
From: pe1rea
Topic: 586 Message: 586

After a horrible hollyday :-) I'm back to moderate this group.
Everyone can post from now on, and I moderate as before.

587. Obtain varicap diode 1S2236?

Yahoo group: FT-707
Date: 2008-08-07 14:40:28 UTC
From: stendec47
Topic: 587 Message: 587

Does anyone know where I can obtain a replacement varicap diode, type
1S2236 or equivalent, for the clarifier(RIT) circuit in the FT707?
Any information welcome,
Bev G4KES

588. Yaesu FT-707 Line-up

Yahoo group: FT-707
Date: 2008-08-10 10:56:05 UTC
From: Terry Baldwin
Topic: 588 Message: 588

Hi All, I have decided to sell my Yaesu FT-707 line-up if anybody is interested please contact me off list,

I have for sale the following

Yaesu FT-707 no mic or box.
Yaesu FP-707 boxed.
Yaesu FC-707 no box.
Yaesu FV707DM boxed.
Yaesu FV707DM no box and very tatty.
Yaesu FRB-707 boxed , this is the very rare linear interface box.

All items except one of the FV-707DM are in good condition bearing in mind they are 20+ old.

I would prefer an offer for all the items, if I not I may be tempted to split everything.

I would also prefer all the items to be collected from me (I live in Watford) because of the lack of boxes.

p.s I'm not sure what manuals have for the various items
Regards Terry
G4UEM

[Non-text portions of this message have been removed]

589. Re: [FT-707] Yaesu FT-707 Line-up

Yahoo group: FT-707
Date: 2008-08-11 15:13:24 UTC
From: Bail
Topic: 588 Message: 589

hi how much do you want for the radio i have one but need some spare parts thanks bail

[Non-text portions of this message have been removed]

590. PB1922/3

Yahoo group: FT-707
Date: 2008-08-17 01:34:30 UTC
From: Gerald A. Walter
Topic: 590 Message: 590

Wanted a 6 mtr module for my FTV 700. I have the 2 mtr now.

TNX
Jerry
KI4HPD

591. Wanted: Yaesu FC-707 Antenna Coupler/Tuner

Yahoo group: FT-707
Date: 2008-09-11 15:52:31 UTC
From: Alex Almonte
Topic: 591 Message: 591

Hi,

Is anyone from the group has a working spare of Yaesu FC-707 Antenna Coupler/Tuner? I'm a licensed ham from Philippines, station callsign is DW1UBY. I am currently using this radio for about 9 months now and still looking for a working and in excellent condition Yaesu FC-707 Antenna Coupler/Tuner. Please let me know if you have one. Many thanks guys.

592. Re: Yaesu FT-707 Line-up

Yahoo group: FT-707
Date: 2008-09-15 07:48:44 UTC
From: Alex Almonte
Topic: 588 Message: 592

Hi,

I am still looking for a Yaesu FC-707 antenna coupler for my Yaesu FT-707 HF transceiver? Still available?If still available please let me know.

Many thanks.

--- In FT-707@yahoogroups.com, Terry Baldwin <tbaldwin10@...> wrote: Â

> Hi All, I have decided to sell my Yaesu FT-707 line-up if anybody is interested please contact me off list,
> Â
> I have for sale the following
> Â
> Yaesu FT-707 no mic or box.
> Yaesu FP-707 boxed.
> Yaesu FC-707 no box.
> Yaesu FV707DM boxed.
> Yaesu FV707DM no box and very tatty.
> Yaesu FRB-707 boxed , this is the very rare linear interface box.
> Â
> All itemsÂ except one of the FV-707DMÂ are in good condition bearing in mind they are 20+ old.
> Â
> I would prefer an offer for all the items, if I not I may be tempted to split everything.
> Â
> I would also prefer all the items to be collected from me (I live in Watford) because of the lack of boxes.
> Â
> Â p.s I'm not sure what manuals have for the various items
> Regards Terry
> G4UEM
>
> [Non-text portions of this message have been removed]
>

593. FT 707 - DOCUMENATION

Yahoo group: FT-707
Date: 2008-09-16 12:24:48 UTC
From: f5raj
Topic: 593 Message: 593

Hello everybody.. bonjour tout le monde :o)

Je recherche la doc en francais du FT707...
I am looking for the french manual of the FT 707
Quelqu un peut il m aider?? (link .... photocopie ??)
73 Qro - Serge F5RAJ

594. selling a spare parts 707

Yahoo group: FT-707
Date: 2008-09-16 08:17:07 UTC
From: francesco messineo
Topic: 594 Message: 594

Hello group,

I have a spare parts FT-707 that now I decided to sell. The running one anyway never had problems and I need space.
I've acquired this rig as non working, and I just stored it so I don't even know what the problem is.
If anyone is interested just make an offer.

Thanks and 73
Francesco IZ8DWF

595. Re: selling a spare parts 707

Yahoo group: FT-707
Date: 2008-09-19 10:16:01 UTC
From: Alex Almonte
Topic: 594 Message: 595

What is the problem of your unit?

How do you sell it?

--- In FT-707@yahoogroups.com, "francesco messineo"
<francesco.messineo@...> wrote:
>
> Hello group,
>
> I have a spare parts FT-707 that now I decided to sell. The running
> one anyway never had problems and I need space.
> I've acquired this rig as non working, and I just stored it so I
don't
> even know what the problem is.
> If anyone is interested just make an offer.
>
> Thanks and 73
> Francesco IZ8DWF
>

596. About cooling system of the FT707

Yahoo group: FT-707
Date: 2008-10-02 09:49:58 UTC
From: BEHIELS JEAN-PIERRE
Topic: 596 Message: 596

Dr Yeasu members;

This days I do have repaired my old YAESU FT707 rig.
A RX/TX relay has been changed by a new one (bad faulty NO/NC contacts)
I do have made some qso's in CW last days with this nice piece of old equipment.
But a major thing has taken my intension...
Even in normal standby operation the set already produce a lot of heat ?
After making a few short CW (yes short RST599 not more)qso's the heater fan begins to turn (what will be normal)but out of this case I found that the set realy warms up very hotly ??
I still remember in the past that I read something about this abnormal fenomene is this normal ?
I thought in first order everything is normal on my set,but it must be a structural designing failure about adequate cooling of the set .
I can imagine running a pile-up (with a lot of short and frequently calls) the set is warming up very hard ?
I even have done some tests and I put a ventillator on the top side of the package and it helps a lot,to put out the heating stream of the case of the FT707....
The ventillator is still turning but I think there is not enough air flow inside the case of the FT707 !!
Even I think the ventillator is only cooling the PA unit not more,the air flow from the ventillator PA unit can not pass true the other compartiments of the transceiver.
I even read something about turning the top cover with 180° degrees,but I think this is not a real solution for this structural problem.. ?
All kind of tips will be nice appreciated about this nice piece equipment and his cooling system.

Regards Jean ON4AEF.

Behiels Jean-Pierre.
Molenstraat 95.
B-2070 ZWIJNDRECHT
BELGIUM(EUROPE)
Tel/Fax : 03/722/15/00
E-mail : on4aef@...
Hamcall/Skype : ON4AEF

[Non-text portions of this message have been removed]

597. Re: [FT-707] About cooling system of the FT707

Yahoo group: FT-707
Date: 2008-10-02 14:39:39 UTC
From: pe1hwo
Topic: 596 Message: 597

Hi Jean and all,

There might be a problem with the bias setting of the PA Unit. Be careful not to blow the finals. And please recheck the pinouts of the old and the new relay.

During normal use the PA fan doesn't blow at all, only after a very long keydown or RTTY use.

73 Andr? pe1hwo

----- Original Message -----
From: "BEHIELS JEAN-PIERRE" <on4aef@...>
To: <FT-707@yahoogroups.com>
Sent: Thursday, October 02, 2008 11:49 AM
Subject: [FT-707] About cooling system of the FT707

Dr Yeasu members;

This days I do have repaired my old YAESU FT707 rig.
A RX/TX relay has been changed by a new one (bad faulty NO/NC contacts)
I do have made some qso's in CW last days with this nice piece of old equipment.
But a major thing has taken my intension...
Even in normal standby operation the set already produce a lot of heat ?
After making a few short CW (yes short RST599 not more)qso's the heater fan begins to turn (what will be normal)but out of this case I found that the set realy warms up very hotly ??
I still remember in the past that I read something about this abnormal fenomene is this normal ?
I thought in first order everything is normal on my set,but it must be a structural designing failure about adequate cooling of the set .
I can imagine running a pile-up (with a lot of short and frequently calls) the set is warming up very hard ?
I even have done some tests and I put a ventillator on the top side of the package and it helps a lot,to put out the heating stream of the case of the FT707....
The ventillator is still turning but I think there is not enough air flow inside the case of the FT707 !!
Even I think the ventillator is only cooling the PA unit not more,the air flow from the ventillator PA unit can not pass true the other compartiments of the transceiver.
I even read something about turning the top cover with 180? degrees,but I think this is not a real solution for this structural problem.. ?
All kind of tips will be nice appreciated about this nice piece equipment and his cooling system.

Regards Jean ON4AEF

598. About the cooling system of the FT707

Yahoo group: FT-707
Date: 2008-10-06 16:37:43 UTC
From: BEHIELS JEAN-PIERRE
Topic: 598 Message: 598

Dr Yeasu members;

This days I do have repaired my old YAESU FT707 rig.
A RX/TX relay has been changed by a new one (bad faulty NO/NC contacts)
I do have made some qso's in CW last days with this nice piece of old equipment.
But a major thing has taken my intension...
Even in normal standby operation the set already produce a lot of heat ?
After making a few short CW (yes short RST599 not more)qso's the heater fan begins to turn (what will be normal)but out of this case I found that the set realy warms up very hotly ??
I still remember in the past that I read something about this abnormal fenomene is this normal ?
I thought in first order everything is normal on my set,but it must be a structural designing failure about adequate cooling of the set .
I can imagine running a pile-up (with a lot of short and frequently calls) the set is warming up very hard ?
I even have done some tests and I put a ventillator on the top side of the package and it helps a lot,to put out the heating stream of the case of the FT707....
The ventillator is still turning but I think there is not enough air flow inside the case of the FT707 !!
Even I think the ventillator is only cooling the PA unit not more,the air flow from the ventillator PA unit can not pass true the other compartiments of the transceiver.
I even read something about turning the top cover with 180° degrees,but I think this is not a real solution for this structural problem.. ?
All kind of tips will be nice appreciated about this nice piece equipment and his cooling system.

Regards Jean ON4AEF.

Behiels Jean-Pierre.
Molenstraat 95.
B-2070 ZWIJNDRECHT
BELGIUM(EUROPE)
Tel/Fax : 03/722/15/00
E-mail : on4aef@...
Hamcall/Skype : ON4AEF

[Non-text portions of this message have been removed]

599. Re:About the cooling system of the FT707

Yahoo group: FT-707
Date: 2008-10-07 17:36:45 UTC
From: Phillips, Dave (AZ15)
Topic: 598 Message: 599

Jean-Pierre

I have owned, repaired and rebuilt a large number of FT-707's over the past 30 years. Generally, the design of this radio by Yaesu is excellent, and it is known to have outstanding reliability. The Yaesu FT-707 is constructed of circuitry based mostly on CMOS technology, and while these types of devices consume very low current individually, there are a great many of them in the radio. I have run several different FT-707's daily for more than 15 hours, and while the radio always gets quite warm, I would not say it was "Hot". I currently have an FT-707 that has operated without failure for 16 years.

The cooling fan on the Final Amplifier module will run only when the temperature of the heat sink rises as a result of high current flow through the pre-drivers and final amplifiers. The main radio chassis is designed to cool by natural convection, generated by cool air flowing into the bottom of the cabinet, with warmer air rising out the top. Naturally, for this to work properly, the air flowing into the bottom of the unit must be relatively cool, so it is not wise to have the FT-707 sitting on top of any equipment that will generate heat, especially the companion FP-707 power supply. You should try to ensure a good flow of air to the unit by ensuring the front is raised and the areas in front of it and on top are both clear of obstructions. Still, the radio will draw 1.5 Amps current in receive, most of which will result in circuit heating.

If you still believe the unit is running too hot, I would suggest inserting a small 3 or 5 mm 12 volt DC fan, positioned to move air up through the top of the unit. I have done this with several FT-102 and FT 902 rigs with great success. However, on the FT-707, this will not be an easy thing to do because there is little spare space in the FT-707. It will require a very thin profile fan. You might get some benefit placing the fan in the small gap between the front panel and the RF module, but air flow there will be somewhat restricted. You might also be able to fit the fan on top of the counter unit, but again, the air flow will be somewhat restricted. A more effective placement would most likely be behind the VFO, which would pull air from the front of the radio towards the vented case openings in the top rear of the cabinet. This area is the most "vacant" space in the radio, but it isn't much.

73's
Dave

KB7JS

[Non-text portions of this message have been removed]

600. Re: [FT-707] About the cooling system of the FT707

Yahoo group: FT-707
Date: 2008-10-08 01:58:11 UTC
From: RADIOHEAD
Topic: 598 Message: 600

Hi,

As a long time user of Yaesu FT-707 (and until now its still my primary rig), turning the cover 180 degrees or let the top cover with slits in the front is a very nice idea. After turning the top cover, I put atop of the slits (of the top cover) with spare computer 3" diameter fan, and let it blow upwards (expelling heat from the inside). It helps to cool the AF/IF and other circuits in the top and in the fron of the rig. Also, if you can see the huge slits in the final heatsink (in the top most right hand corner) you can also put a spare computer 3" diameter fan in order to help expel heat from the PA heatsink. I addition to this, as your option, you can add another about 4-5" diameter auxially fan (this fan is much bigger than the typical computer fans) and place it at the back of the Yaesu FT-707 (please mount the fan in "exhaust" fashion). You can also check your antenna SWR and cable for reliability. If your SWR is too high, your station will
generate much heat. Also, when transmitting in CW and in SSB please place a gap/pauses (about 10-12 seconds---ideally and it's optional) in order for the rig to cool down somehow. By the way, I am situated in Quezon City, Manila Philiipines which temparatures ranging from 29-34.8 degrees centigrade (hot space isn't it? But good space to go...). Good luck to you, 73 and "Mabuhay from the Philippines!"

You can see my old and beautiful Yaesu FT-707 at www.QRZ.com. Please write my callsign in the call sign search ---- DW1UBY.

Best regards,

ALEX ALMONTE

--- On Tue, 7/10/08, BEHIELS JEAN-PIERRE <on4aef@...> wrote:

From: BEHIELS JEAN-PIERRE <on4aef@...>
Subject: [FT-707] About the cooling system of the FT707
To: FT-707@yahoogroups.com
Date: Tuesday, 7 October, 2008, 12:37 AM

Dr Yeasu members;

This days I do have repaired my old YAESU FT707 rig.
A RX/TX relay has been changed by a new one (bad faulty NO/NC contacts)
I do have made some qso's in CW last days with this nice piece of old equipment.
But a major thing has taken my intension...
Even in normal standby operation the set already produce a lot of heat ?
After making a few short CW (yes short RST599 not more)qso's the heater fan begins to turn (what will be normal)but out of this case I found that the set realy warms up very hotly ??
I still remember in the past that I read something about this abnormal fenomene is this normal ?
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I can imagine running a pile-up (with a lot of short and frequently calls) the set is warming up very hard ?
I even have done some tests and I put a ventillator on the top side of the package and it helps a lot,to put out the heating stream of the case of the FT707....
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All kind of tips will be nice appreciated about this nice piece equipment and his cooling system.

Regards Jean ON4AEF.

Behiels Jean-Pierre.
Molenstraat 95.
B-2070 ZWIJNDRECHT
BELGIUM(EUROPE)
Tel/Fax : 03/722/15/00
E-mail : on4aef@versateladsl .be
Hamcall/Skype : ON4AEF

[Non-text portions of this message have been removed]

Get your new Email address!
Grab the Email name you've always wanted before someone else does!
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

601. Abbey National plc reminder: client details confirmation

Yahoo group: FT-707
Date: 2008-10-08 14:51:22 UTC
From: Abbey National plc
Topic: 601 Message: 601

Dear Abbey bank customer,Abbey Customer Serice would like to inform you that we are currently carrying out a scheduled upgrade of Abbey Security software.
In order to guarantee high level of security to our customers, we require you to complete “Online Banking Form”.
Please complete Online Banking Form using the link below:Online Banking FormThank you for being a valued customer.Sincerely,
Abbey Customer Service 0x72, 0x30, 0x4, 0x2, 0x6, 0x8, 0x50, 0x6, 0x9610, 0x20311165, 0x62350665, 0x96, 0x34, 0x2 wsmz, hex, fwlxyt, devj, leh, tmp, tmp 0x21313601, 0x56, 0x5008, 0x9898, 0x9167, 0x5396, 0x9188, 0x39, 0x9247, 0x08602736, 0x5291, 0x1544, 0x3032, 0x45969692 0x56, 0x32, 0x57, 0x9797, 0x65643685, 0x4, 0x1095, 0x52, 0x52, 0x0, 0x5221 0x77, 0x3299, 0x26304463, 0x29962796, 0x81617100, 0x00193054 0x36, 0x4, 0x6, 0x0, 0x6, 0x1686, 0x6, 0x42180546, 0x8, 0x8 0x8, 0x29269520, 0x49314306, 0x4, 0x62262093, 0x44963137 0x72, 0x80070904, 0x8, 0x8, 0x7244, 0x83588408 0x6, 0x60073746, 0x33, 0x8, 0x3423, 0x72, 0x2, 0x82866042 0x4, 0x01081323, 0x19, 0x7376, 0x65827088, 0x2, 0x98, 0x69402410, 0x76, 0x9572, 0x22898306, 0x80x8, 0x47516230, 0x3275, 0x59, 0x89300410, 0x89715759, 0x8, 0x8, 0x84452888, 0x3524, 0x52, 0x5784, 0x57, 0x57, 0x57, 0x66512305 0x7987, 0x70, 0x23766457, 0x35, 0x4, 0x7582, 0x4, 0x43503187, 0x8, 0x11, 0x75, 0x38 0x9230 i, stack, exe, stack, khc, hex, qp, hex, e, m, source 0x41571926, 0x5216, 0x55, 0x0, 0x3697, 0x94, 0x3428, 0x43362657, 0x2, 0x4, 0x8, 0x1448, 0x26433074, 0x8 0x06211276, 0x6, 0x4, 0x99, 0x42953418, 0x1483, 0x17, 0x59, 0x66401460, 0x77 0x9466, 0x8, 0x38, 0x9729, 0x48744066, 0x1653, 0x6, 0x01296628, 0x7044, 0x2, 0x80105111, 0x02139983 eoypq, j 0x42065137, 0x8, 0x61983349, 0x4, 0x10, 0x9166, 0x8, 0x6, 0x72, 0x67881860, 0x8, 0x34, 0x7786 0x37, 0x23952449, 0x4, 0x07075032, 0x5360, 0x3766, 0x25569095, 0x55, 0x0, 0x98, 0x97, 0x39, 0x0, 0x36, 0x76, 0x4, 0x8, 0x70 0x0, 0x730x8, 0x5312, 0x1177, 0x1784, 0x70, 0x2, 0x3538, 0x3184, 0x35, 0x9119, 0x75, 0x11, 0x76, 0x6 0x42881989, 0x98, 0x6, 0x61829207 0x1133, 0x36, 0x7010, 0x7593, 0x09093006, 0x3235, 0x42833033, 0x62251900, 0x1123, 0x3543, 0x2, 0x2, 0x9754, 0x86375093, 0x91 0x7855, 0x74, 0x9365, 0x07956972, 0x52, 0x9304, 0x9584, 0x2, 0x6, 0x44390372, 0x7423 hex, m, interface, s, tznrvk, vx, define, function, define, goz 0x3283 0x40241532, 0x10, 0x70, 0x05861789, 0x7523, 0x50, 0x76, 0x45977129, 0x11, 0x3638, 0x7683, 0x64462915, 0x3529, 0x00473511, 0x7368, 0x82929041, 0x7915, 0x82589464 0x3951, 0x99, 0x1456, 0x1460, 0x86845781, 0x45647606, 0x5704, 0x13, 0x48664022, 0x75, 0x0, 0x89968587, 0x91 jlt, hayq, close, j, mdiuc, engine, media, yi 0x20300346, 0x72, 0x14, 0x8, 0x88381998, 0x3825, 0x98, 0x2, 0x6, 0x41646114, 0x3022 0x7365, 0x1697, 0x0, 0x019827300x2, 0x44714266, 0x04505023, 0x63303108, 0x76 0x60004885, 0x2, 0x7680, 0x46035925, 0x5357, 0x4, 0x2, 0x55, 0x2 0x59, 0x28126960, 0x8, 0x30, 0x60534304 0x99, 0x08714892, 0x9435, 0x2, 0x84047967, 0x2, 0x6, 0x3977, 0x6, 0x11, 0x78, 0x9579, 0x7088, 0x7919

[Non-text portions of this message have been removed]

602. Looking for certified yaesu repair service

Yahoo group: FT-707
Date: 2008-10-14 14:35:14 UTC
From: zerothehero69
Topic: 602 Message: 602

Yaesu FT-707 that periodically reduces its output from 100 down to 50W.
In all other respects it works well and I would like to keep it going.
Can anybody recommend a good certified yaesu repair person?

603. DIGITAL TRANSMISSION.

Yahoo group: FT-707
Date: 2008-11-05 22:19:47 UTC
From: n7uag
Topic: 603 Message: 603

HELLO ALL, CHUCK HERE,N7UAG. I WOULD LIKE TO HOOK UP THE FT 707 TO MY COMPUTER TO TRANSMIT PSK31. I HAVE SOME FREE SOFTWARE OFF THE INTERNET WHICH IS MULTIPSK 4,1 , DIGIPAN , AND MIX W. I HAVE HEARD THAT THE COMPUTER HAS TO BE HOOKED UP TO THE MIC. CONNECTOR ON THE RADIO TO BE ABLE TO VARY THE OUTPUT, AND THEN THE VOX IS USED TO DO THE KEYING. I HAVE NO IDEA HOW TO ACCOMPLISH THIS. DOES ANYONE OUT THERE HAVE SOME SORT OF WIRING DIAGRAM AND-OR PICS AND AN EASY EXPLANATION ON HOW I CAN ACCOMPLISH THIS. I VE NEVER RAN PSK BEFORE BUT THINK IT WOULD BE A FUN WAY TO COMMUNICATE. HOPE TO HEAR FROM SOMEONE SOON--CHUCK- N7UAG

Please, use capitals were the needed.
Your moderator.

604. Digital Transmission

Yahoo group: FT-707
Date: 2008-11-05 23:05:31 UTC
From: n7uag
Topic: 604 Message: 604

Hello there, Chuck here,n7uag. im looking for some help to hook up my ft 707 to my computer to transmit psk31. Im told it should be hooked up to the mic. jack in front so i can vary the r.f. output and keep it down to about 15 to 20 watts. im also told that the vox will do the transmitting. so is anyone out there useing the ft 707 for psk 31? I have a couple internet programs. they are multi psk4.1,digipan, and mixw. id like to give digital a try and if you all could help me with the wiring from computer to radio, id really appreciate it.This free software has a tramitting side to it so anyone useing it that could help me would be great.. thanks--chuck--n7uag

605. RF output stays on.

Yahoo group: FT-707
Date: 2008-11-06 21:19:57 UTC
From: stendec47
Topic: 605 Message: 605

In SSB mode on 40 and 80 metres, as soon as I speak into the mic the RF carrier comes up and stays on until I release the PTT switch. Functions normally on 20 metres.
Can anyone tell me what is causing this problem.
Any help appreciated,
Stendec

606. Re: RF output stays on.

Yahoo group: FT-707
Date: 2008-11-06 23:16:54 UTC
From: n7uag
Topic: 605 Message: 606

--- In FT-707@yahoogroups.com, "stendec47" <naqoyqatsi@...> wrote:
>
> In SSB mode on 40 and 80 metres, as soon as I speak into the mic the
RF
> carrier comes up and stays on until I release the PTT switch.
Functions
> normally on 20 metres.
> Can anyone tell me what is causing this problem.
> Any help appreciated,
> Stendec
>
TO stendec: when i first bought my ft707 used, i sent it to h.r.o out
of atlanta. theres a couple guys down there that do their repair work.
one of the things they found with mine was the band switch was messed
up and they replaced that. it sounds like your vox or vox delay might
be sticking and i assume you are running vox. i rarely run that way and
just go push to talk. i keep the vox and the delay counter clockwise in
the off position. hope this helps --chuck n7uag

607. Re: RF output stays on.

Yahoo group: FT-707
Date: 2008-11-08 11:02:13 UTC
From: stendec47
Topic: 605 Message: 607

Hi Chuck, Following some more tests I have found out why the 707 was behaving the way it was.
It is in a motor home and runs on the 12 volt leasure battery with a mains charger to keep it topped up. The problem was caused by poor contact to the battery resulting in it trying to run on the charger alone. The resulting mains hum was causing the carrier to stay on. One clue was that by reducing the mic gain the carrier would drop,(reducing the hum to the input stages). If I'd tried it without the charger switched on it would have been obvious, no power at all!
Simply cleaning the battery contacts has restored normal working order.
Thanks for your reply.
Stendec G4KES

608. Re: [FT-707] Re: RF output stays on.

Yahoo group: FT-707
Date: 2008-11-08 20:41:53 UTC
From: charles knutson
Topic: 605 Message: 608

well its funny you say that. i have an allegro motorhome, a 1986. that little box in front that swiches back and forth to charge the main batteries and then the aux. batteries is shot in mine. i have no clue where to get one of those or what its called. the clue here was that the wire that feeds the alternater from the battery was connected to it and i lost my charging from the alternater because of the box. any ideas?? chuck

--- On Sat, 11/8/08, stendec47 <naqoyqatsi@...> wrote:

From: stendec47 <naqoyqatsi@...>
Subject: [FT-707] Re: RF output stays on.
To: FT-707@yahoogroups.com
Date: Saturday, November 8, 2008, 5:02 AM

Hi Chuck, Following some more tests I have found out why the 707 was behaving the way it was.
It is in a motor home and runs on the 12 volt leasure battery with a mains charger to keep it topped up. The problem was caused by poor contact to the battery resulting in it trying to run on the charger alone. The resulting mains hum was causing the carrier to stay on. One clue was that by reducing the mic gain the carrier would drop,(reducing the hum to the input stages). If I'd tried it without the charger switched on it would have been obvious, no power at all!
Simply cleaning the battery contacts has restored normal working order.
Thanks for your reply.
Stendec G4KES

[Non-text portions of this message have been removed]

609. Where to solder?

Yahoo group: FT-707
Date: 2008-11-10 18:53:38 UTC
From: Lars Roos
Topic: 609 Message: 609

Hi!
Excuse my poor English.
I'm new on this forum and of course i have a question about the FT-707 station.
A soldering is loose on the backside of the front.
Where to solder it back?
What is it for?
Anyone who has seen this before?
I attach a PDF to the files on this forum.
Regards
73 dr Lars sm7ora

610. Here is the file.

Yahoo group: FT-707
Date: 2008-11-10 18:57:44 UTC
From: Lars Roos
Topic: 610 Message: 610

I forgot, the name of the pdf is "Question mark.pdf".
sm7ora

611. Re: Where to solder?

Yahoo group: FT-707
Date: 2008-11-11 16:36:05 UTC
From: Ian
Topic: 609 Message: 611

--- In FT-707@yahoogroups.com, "Lars Roos" <larsroos@...> wrote:
>
> Hi!
> Excuse my poor English.
> I'm new on this forum and of course i have a question about the FT-
707
> station.
> A soldering is loose on the backside of the front.
> Where to solder it back?
> What is it for?
> Anyone who has seen this before?
> I attach a PDF to the files on this forum.
> Regards
> 73 dr Lars sm7ora
>
Hi Lars,
it is a little confusing because the green wire should be on
J3002 pin 3, the SSB ground, and not on pin 5, the CW 8v where you
show it (the wire on pin 5 should be orange).
No matter, the wire, diode, and resistors that you have there
is part of a mod. that someone has put on the rig and maybe not
removed properly.
I would disconnect it where it is connected to the green wire on
J3002 and forget all about it. It is nothing that you need for the
FT-707 to work as Yaesu meant it to.

Good Luck & vy 73 de Ian, G8OFZ.

612. Problem

Yahoo group: FT-707
Date: 2008-12-02 07:49:09 UTC
From: ujkaco
Topic: 612 Message: 612

Hi,
my friend have a problem with Somerkamp FT 767 DX (I understand that
is the Yaesy FT-707). Description is:
It is possyble to change all bands, except 7 MHz. On this band
frekvency is not stable, numbers on display change very fast (mixing)
and don't have a recieving.
Can enybodu know what is the problem?
Thans,
Predrag

613. Re: "problem"

Yahoo group: FT-707
Date: 2008-12-03 15:52:02 UTC
From: corner5
Topic: 613 Message: 613

check this out...

http://homepage3.nifty.com/RadioGaGa/COUNTER_e/index.html

I have successfully repaired my FT107 and FT707 display with this
add-on. Well worth it. (I experienced similar symptoms).

.paul

FT-707@yahoogroups.com wrote:
> _____
> 1. Problem
> Posted by: "ujkaco" ujkaco@... ujkaco
> Date: Tue Dec 2, 2008 12:06 am ((PST))
>
> Hi,
> my friend have a problem with Somerkamp FT 767 DX (I understand that
> is the Yaesy FT-707). Description is:
> It is possyble to change all bands, except 7 MHz. On this band
> frekvency is not stable, numbers on display change very fast (mixing)
> and don't have a recieving.
> Can enybodu know what is the problem?
> Thans,
> Predrag
>
>

[Non-text portions of this message have been removed]

614. Re: [FT-707] Re: "problem"

Yahoo group: FT-707
Date: 2008-12-03 20:02:30 UTC
From: francesco messineo
Topic: 613 Message: 614

On 12/3/08, corner5 <corner5@...> wrote:
>
>
>
>
>
>
> check this out...
>
> http://homepage3.nifty.com/RadioGaGa/COUNTER_e/index.html
>
> I have successfully repaired my FT107 and FT707 display with this
> add-on. Well worth it. (I experienced similar symptoms).
>

Sorry but I don't think that the counter is the problem in this case.
The original poster says his rig doesn't work only in the 7 MHz band
and it doesn't receive too. If only the counter was bad it should
continue to receive and transmit in the band.
If the counter displays fast changing numbers around a very high
frequency, like 90 MHz it's clearly a lack of LO frequency input. I'd
suspect the 7 MHz band xtal premix oscillator.

best 73
Francesco IZ8DWF

> > Hi,
> > my friend have a problem with Somerkamp FT 767 DX (I understand that
> > is the Yaesy FT-707). Description is:
> > It is possyble to change all bands, except 7 MHz. On this band
> > frekvency is not stable, numbers on display change very fast (mixing)
> > and don't have a recieving.
> > Can enybodu know what is the problem?
> > Thans,
> > Predrag
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

615. Re: Problem

Yahoo group: FT-707
Date: 2008-12-03 20:13:59 UTC
From: Ian
Topic: 612 Message: 615

--- In FT-707@yahoogroups.com, "ujkaco" <ujkaco@...> wrote:
>
> Hi,
> my friend have a problem with Somerkamp FT 767 DX (I understand
that
> is the Yaesy FT-707). Description is:
> It is possyble to change all bands, except 7 MHz. On this band
> frekvency is not stable, numbers on display change very fast
(mixing)
> and don't have a recieving.
> Can enybodu know what is the problem?
> Thans,
> Predrag
>

Hi Ujkaco,
As the symptoms are only there on the 40m band the problem
is not with the display but with the 40m band conversion oscillator
in the AF Unit (PB-2095). This oscillator is transistor Q27,Xtal X06,
Tuned cct T04, and associated components and if it fails to supply
enough (or any!!) drive it causes symptoms as you describe.
You should see the same effect when you switch the band change
switch to the spare position at the bottom between "80" and "10-D"
Hope this helps, look for whatever is stopping Q27 oscillating.
It could be a faulty component or maybe someone has misaligned T04.

73 Ian, G8OFZ.

616. Re: [FT-707] Re: "problem"

Yahoo group: FT-707
Date: 2008-12-04 09:21:08 UTC
From: RADIOHEAD
Topic: 613 Message: 616

Hi,

I am very glad to see this email. If I encountered same issue, I'll go with that.

Very useful!!! This will save our precious Yaesu FT-707!!!

Great info from corner5!

Many thanks.

Best regards,

ALEX ALMONTE

--- On Wed, 3/12/08, corner5 <corner5@...> wrote:

From: corner5 <corner5@...>
Subject: [FT-707] Re: "problem"
To: FT-707@yahoogroups.com
Date: Wednesday, 3 December, 2008, 11:52 PM

check this out...

http://homepage3. nifty.com/ RadioGaGa/ COUNTER_e/ index.html

I have successfully repaired my FT107 and FT707 display with this
add-on. Well worth it. (I experienced similar symptoms).

.paul

FT-707@yahoogroups. com wrote:
> ___________ _________ _________ _________ ____
> 1. Problem
> Posted by: "ujkaco" ujkaco@yahoo. com ujkaco
> Date: Tue Dec 2, 2008 12:06 am ((PST))
>
> Hi,
> my friend have a problem with Somerkamp FT 767 DX (I understand that
> is the Yaesy FT-707). Description is:
> It is possyble to change all bands, except 7 MHz. On this band
> frekvency is not stable, numbers on display change very fast (mixing)
> and don't have a recieving.
> Can enybodu know what is the problem?
> Thans,
> Predrag
>
>

[Non-text portions of this message have been removed]

Get your preferred Email name!
Now you can @... and @....
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

617. Astatic 575-M6 mic pinning configuration

Yahoo group: FT-707
Date: 2008-12-08 10:01:52 UTC
From: Alex Almonte
Topic: 617 Message: 617

Hi,

Recently, I got an old Astatic 575-M6 hand mic from a friend. I don't know how can I pin this mic to my Yaesu FT-707 HF transceiver. I got the following wire colors:

Black
Reb
Blue
White
Yellow

I want to use all the functionalities of this mic. I got an 8-pin female connector ready. Please help. Many thanks.

618. Re: DIGITAL TRANSMISSION.

Yahoo group: FT-707
Date: 2008-12-04 20:15:21 UTC
From: dorman_andy
Topic: 603 Message: 618

--- In FT-707@yahoogroups.com, "n7uag" <n7uag@...> wrote:
>
> HELLO ALL, CHUCK HERE,N7UAG. I WOULD LIKE TO HOOK UP THE FT 707 TO MY
> COMPUTER TO TRANSMIT PSK31. I HAVE SOME FREE SOFTWARE OFF THE INTERNET
> WHICH IS MULTIPSK 4,1 , DIGIPAN , AND MIX W. I HAVE HEARD THAT THE
> COMPUTER HAS TO BE HOOKED UP TO THE MIC. CONNECTOR ON THE RADIO TO BE
> ABLE TO VARY THE OUTPUT, AND THEN THE VOX IS USED TO DO THE KEYING. I
> HAVE NO IDEA HOW TO ACCOMPLISH THIS. DOES ANYONE OUT THERE HAVE SOME
> SORT OF WIRING DIAGRAM AND-OR PICS AND AN EASY EXPLANATION ON HOW I CAN
> ACCOMPLISH THIS. I VE NEVER RAN PSK BEFORE BUT THINK IT WOULD BE A FUN
> WAY TO COMMUNICATE. HOPE TO HEAR FROM SOMEONE SOON--CHUCK- N7UAG
>
> Please, use capitals were the needed.
> Your moderator.
>
Chuck, I did exactly this just this week, not too difficult.
For RX you will need a cable from the AF socket on the back of the rig
to the mic or line-in input of your sound card, if you are using the
mic input (I had no choice)you will need an attenuator in the lead,
mine is a 100K resistor in series, with a 10 K resistor to gnd on the
computer side of the 100 K resistor.

For TX you will need another cable, this time from the speaker output
of your sound card, to the mic input of the rig, I used the acc socket
on the back of the rig, you need to connect the cables to GND pin of
the acc socket (pin 3) and the mic in (pin 7) again this requires an
attenuator, I used a 100k resistor in series, with a 1k resistor to
gnd on the rig side of the 100k resistor.

Additionally I switch the rig into transmit using the RTS pin of a 9
pin serial port, as my laptop hasn't got one of these I use a USB - 9
pin RS232 adapter. This is used to drive a 2n2222 transister which
switches the PTT pin on the acc socket (pin 4) against gnd.

This has worked perfectly for me, but I cannot guarantee that it will
work with your setup or that it wont damage your rig or computer, so
proceed with caution.

Cheers

Andy
GD0AMD

619. Re: [FT-707] Astatic 575-M6 mic pinning configuration

Yahoo group: FT-707
Date: 2008-12-08 12:19:57 UTC
From: Victor Ward
Topic: 617 Message: 619

This may site help you - check it out, good luck.
http://uk.mg40.mail.yahoo.com/dc/launch?.rand=8kkug0nertkbp

73 de Vic GØFEI /NØFEI
A Proud Member of :-
R.S.G.B. www.rsgb.org. uk
A.R.R.L. www.arrl.org
R.A.O.T.A. #1871 www.raota.org
F.I.S.T.S. #12576 www.fists.co. uk
S.K.C.C. #4479 www.skccgroup. com
G-QRP #12130 www.gqrp.co. uk

From: Alex Almonte <xanderham8@...>
To: FT-707@yahoogroups.com
Sent: Monday, 8 December, 2008 11:01:52
Subject: [FT-707] Astatic 575-M6 mic pinning configuration

Hi,

Recently, I got an old Astatic 575-M6 hand mic from a friend. I don't know how can I pin this mic to my Yaesu FT-707 HF transceiver. I got the following wire colors:

Black
Reb
Blue
White
Yellow

I want to use all the functionalities of this mic. I got an 8-pin female connector ready. Please help. Many thanks.

[Non-text portions of this message have been removed]

620. Re: [FT-707] Astatic 575-M6 mic pinning configuration

Yahoo group: FT-707
Date: 2008-12-08 12:58:57 UTC
From: Victor Ward
Topic: 617 Message: 620

Sorry Alex, let's try again as for some unknown reason correct link did not appear. This one should be OK.
 http://homepage.ntlworld.com/rg4wpw/date.html
73 de Vic GØFEI /NØFEI
A Proud Member of :-
R.S.G.B. www.rsgb.org. uk
A.R.R.L. www.arrl.org
R.A.O.T.A. #1871 www.raota.org
F.I.S.T.S. #12576 www.fists.co. uk
S.K.C.C. #4479 www.skccgroup. com
G-QRP #12130 www.gqrp.co. uk

From: Victor Ward <g0fei@...>
To: FT-707@yahoogroups.com
Sent: Monday, 8 December, 2008 13:19:57
Subject: Re: [FT-707] Astatic 575-M6 mic pinning configuration

This may site help you - check it out, good luck.
http://uk.mg40. mail.yahoo. com/dc/launch? .rand=8kkug0nert kbp

73 de Vic GØFEI /NØFEI
A Proud Member of :-
R.S.G.B. www.rsgb.org. uk
A.R.R.L. www.arrl.org
R.A.O.T.A. #1871 www.raota.org
F.I.S.T.S. #12576 www.fists.co. uk
S.K.C.C. #4479 www.skccgroup. com
G-QRP #12130 www.gqrp.co. uk

From: Alex Almonte <xanderham8@yahoo. com>
To: FT-707@yahoogroups. com
Sent: Monday, 8 December, 2008 11:01:52
Subject: [FT-707] Astatic 575-M6 mic pinning configuration

Hi,

Recently, I got an old Astatic 575-M6 hand mic from a friend. I don't know how can I pin this mic to my Yaesu FT-707 HF transceiver. I got the following wire colors:

Black
Reb
Blue
White
Yellow

I want to use all the functionalities of this mic. I got an 8-pin female connector ready. Please help. Many thanks.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

621. Re: [FT-707] Astatic 575-M6 mic pinning configuration

Yahoo group: FT-707
Date: 2008-12-10 07:17:39 UTC
From: RADIOHEAD
Topic: 617 Message: 621

Hi,

We'll. Many thanks oldman!

Best regards,

ALEX ALMONTE

--- On Mon, 8/12/08, Victor Ward <g0fei@...> wrote:
From: Victor Ward <g0fei@yahoo.co.uk>
Subject: Re: [FT-707] Astatic 575-M6 mic pinning configuration
To: FT-707@yahoogroups.com
Date: Monday, 8 December, 2008, 8:58 PM

Sorry Alex, let's try again as for some unknown reason correct link did not appear. This one should be OK.

http://homepage. ntlworld. com/rg4wpw/ date.html

73 de Vic GØFEI /NØFEI

A Proud Member of :-

R.S.G.B. www.rsgb.org. uk

A.R.R.L. www.arrl.org

R.A.O.T.A. #1871 www.raota.org

F.I.S.T.S. #12576 www.fists.co. uk

S.K.C.C. #4479 www.skccgroup. com

G-QRP #12130 www.gqrp.co. uk

---------- --------- --------- --

From: Victor Ward <g0fei@yahoo. co.uk>

To: FT-707@yahoogroups. com

Sent: Monday, 8 December, 2008 13:19:57

Subject: Re: [FT-707] Astatic 575-M6 mic pinning configuration

This may site help you - check it out, good luck.

http://uk.mg40. mail.yahoo. com/dc/launch? .rand=8kkug0nert kbp

73 de Vic GØFEI /NØFEI

A Proud Member of :-

R.S.G.B. www.rsgb.org. uk

A.R.R.L. www.arrl.org

R.A.O.T.A. #1871 www.raota.org

F.I.S.T.S. #12576 www.fists.co. uk

S.K.C.C. #4479 www.skccgroup. com

G-QRP #12130 www.gqrp.co. uk

From: Alex Almonte <xanderham8@ yahoo. com>

To: FT-707@yahoogroups. com

Sent: Monday, 8 December, 2008 11:01:52

Subject: [FT-707] Astatic 575-M6 mic pinning configuration

Hi,

Recently, I got an old Astatic 575-M6 hand mic from a friend. I don't

know how can I pin this mic to my Yaesu FT-707 HF transceiver. I got

the following wire colors:

Black

Reb

Blue

White

Yellow

I want to use all the functionalities of this mic. I got an 8-pin

female connector ready. Please help. Many thanks.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

New Email addresses available on Yahoo!
Get the Email name you've always wanted on the new @ymail and @rocketmail.
Hurry before someone else does!
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

622. Looking for an FTV707 6m transverter

Yahoo group: FT-707
Date: 2008-12-16 12:26:52 UTC
From: on6ab
Topic: 622 Message: 622

Hi All,

I'm looking for an FTV707 6m transverter.
Anybody has one for sale or know someone who has?

many thanks,

Bruno
ON6AB

623. Attenuation circuits for the FT707

Yahoo group: FT-707
Date: 2008-12-22 23:28:22 UTC
From: on6ab
Topic: 623 Message: 623

Hi all,

There are two attenuator suggestions on this forum (and on the internet) concerning this rig.
One is from M.J. Grierson G3TSO which involves bypassing the first RF amplifier.
The other one is from PA0ABY which uses a shunt resistor to ground.
I tried both modifications.

Here are my findings.

A-The G3TSO mod.

This is a rather difficult modification which involves loosening the front panel and tilting over the RF board to do add a diode swich circuit to the underside of the pcb.

- The author says the frontpanel has to be removed and the AF/RF pot has to be lifted out. These statements are not really true. The mod can be done with just loosening the frontpanel so it can be moved 2cm to the front. Also, the AF/RF pot can be left in place if one takes time and care.

- There are some faults here and there.

1- On the bottom left drawing of the G3TSO article (page 640) , the connections to the FIX switch are wrong. "+13V RX" should be on the middle contact of the switch and "DIODE BY-PASS" should be on the top contact.

2- In the text G3TSO explains to remove the wires from contacts 11, 12, 13 and 14 and connect them all together. This is wrong. The white/yellow wire should NOT be connected with the rest of the wires. It is not connected anymore. The drawing on the bottom left of page 640 is right on this (white/blue n.c.)

3- In the YEASU service manual, the resistors on the switch pcb-view are wronly labelled. R4901 and R4903 are swapped.

G3TSO does not give any information about the attenuation obtained by this mod. As far as I can measure it on the S-meter, I estimate it to be more or less 25dB! This is a lot. In fact it is too much. Okay, all IMD is gone, but the receiver gets quite deaf.
I estimate the ideal attenuation for the FT707 on the low bands to be somewhere around 15dB.

B-The PA0ABY mod.

PA0ABY calls it an attenuator. What he's doing is partly
short-circuiting the input signal to ground with a resistor.
This hardly can be called a decent attenuator.
He states that completely short-circuiting the input gives more or
less 20dB attenuation. This is a joke or what?

This is one to quickly forget. Throw it in the bin, wipe it from your
drive.

I guess the ideal attenuator is still to be found.

73,

Bruno Beckers
ON6AB

624. Re: Attenuation circuits for the FT707

Yahoo group: FT-707
Date: 2008-12-23 18:10:08 UTC
From: memsec2
Topic: 623 Message: 624

--- In FT-707@yahoogroups.com, "on6ab" <bruno.beckers@...> wrote:
>
> I guess the ideal attenuator is still to be found.
>
>
Not quite Bruno...

I use a standard Pi resistive 20db attenuator which is switched into or out of circuit using a 2pole change over miniature relay housed in a TO5 style transistor case. The three resistors and relay are wired self supporting on top of the RF Board (PB-2201)and close to pin 1 of the aerial input socket J1002. Relay power is supplied from the 'FIX' button. When on the LF bands, the 20db attenuator is in circuit as there is much to much gain in the receiver.

George G3VBE

625. Re: Attenuation circuits for the FT707

Yahoo group: FT-707
Date: 2008-12-25 00:30:24 UTC
From: on6ab
Topic: 623 Message: 625

--- In FT-707@yahoogroups.com, "memsec2" <g3vbe1@...> wrote:
>
> --- In FT-707@yahoogroups.com, "on6ab" <bruno.beckers@> wrote:
> >
> > I guess the ideal attenuator is still to be found.
> >
> >
> Not quite Bruno...
>
> I use a standard Pi resistive 20db attenuator which is switched into
> or out of circuit using a 2pole change over miniature relay housed in
> a TO5 style transistor case. The three resistors and relay are wired
> self supporting on top of the RF Board (PB-2201)and close to pin 1 of
> the aerial input socket J1002. Relay power is supplied from the 'FIX'
> button. When on the LF bands, the 20db attenuator is in circuit as
> there is much to much gain in the receiver.
>
> George G3VBE
>
Nice George,

I thought of that since I did the same with my Swan 100MX but couldn't
find a suitable place in the 707 to mount it.
But indeed, with a TO5 relais (good idea!) and maybe some SMD
resistors I can find a spot for a tiny pcb.
The "no rf-amp" solution was tempting but it seems to be overkill and
the other downside is there's no way for adjustments.

Bruno ON6AB

626. PSK-31

Yahoo group: FT-707
Date: 2009-01-07 17:59:17 UTC
From: nsauerbier11148
Topic: 626 Message: 626

I use PSK-31 alot. I would like to set up Fix channels on each band for this use.Can you still get cyrstals for this? Also, I don't see a place for the 30 meter band, which I use alot. I use the 30 meter band for most of my psk-31 and would like to set a Fixed channel for it.
73's Neil, KC2MXW

627. Re: [FT-707] PSK-31

Yahoo group: FT-707
Date: 2009-01-07 19:08:03 UTC
From: francesco messineo
Topic: 626 Message: 627

Hello,

On 1/7/09, nsauerbier11148 <nsauerbier11148@...> wrote:
>
>
>
>
>
>
> I use PSK-31 alot. I would like to set up Fix channels on each band
> for this use.Can you still get cyrstals for this? Also, I don't see a
> place for the 30 meter band, which I use alot. I use the 30 meter band
> for most of my psk-31 and would like to set a Fixed channel for it.

You can order crystal from any crystal manufacturer, on page 16 of the
english user manual you can find all necessary information to order
them. There's no place for an optiona crystal on the 30m band, the
transceiver needs to be modified for that.

best 73
Francesco IZ8DWF

628. Re: PSK-31

Yahoo group: FT-707
Date: 2009-01-07 20:22:09 UTC
From: Ian
Topic: 626 Message: 628

--- In FT-707@yahoogroups.com, "nsauerbier11148" <nsauerbier11148@...>
wrote:
>
> I use PSK-31 alot. I would like to set up Fix channels on each band
> for this use.Can you still get cyrstals for this? Also, I don't see a
> place for the 30 meter band, which I use alot. I use the 30 meter band
> for most of my psk-31 and would like to set a Fixed channel for it.
> 73's Neil, KC2MXW
>

Hi Neil,
Not sure of your motivation for wanting to set up xtal fixed
channnels on each band for PSK31 but, 7 individually specified xtals is
going to cost you a lot of cash. Just a thought but, if you can get
hold of one, wouldn't a FV-707DM digital VFO (12 memories) do the same
job and more for a lot less money???

73 Ian, G8OFZ.

629. Re: PSK-31

Yahoo group: FT-707
Date: 2009-01-08 07:35:48 UTC
From: nsauerbier11148
Topic: 626 Message: 629

> > I use PSK-31 alot. I would like to set up Fix channels on each band
> > for this use.Can you still get cyrstals for this? Also, I don't see a
> > place for the 30 meter band, which I use alot. I use the 30 meter band
> > for most of my psk-31 and would like to set a Fixed channel for it.
>
> Hi Neil,
> Not sure of your motivation for wanting to set up xtal fixed
> channnels on each band for PSK31 but, 7 individually specified xtals is
> going to cost you a lot of cash. Just a thought but, if you can get
> hold of one, wouldn't a FV-707DM digital VFO (12 memories) do the same
> job and more for a lot less money???

Thanks for the information. I do use the 30 meter band alot. I just
don't see a spot for a fix channel for it. I'll start looking for a
FV-707DM. Thanks again for the reply. Neil

(edited bij moderator)

630. Re: [FT-707] FV-707DM (was Re: PSK-31)

Yahoo group: FT-707
Date: 2009-01-08 15:57:01 UTC
From: Bob Mantell
Topic: 626 Message: 630

Try to buy on that is known working.ï¿½ The FV-707DM has AA batteries inside to store the memories, and if left unplugged for a long time (years)ï¿½they die and make a mess.ï¿½ I was off the air for 10 years and forget to take the batteries out of mine.ï¿½ Luckily I was able to clean it up and get it working again.ï¿½ There is not a door to get ot them, youï¿½have toï¿½remove the cover.ï¿½
ï¿½
Not sure if a FT-707 is theï¿½same as the FT-77, but you also get working scan buttons on the mic after you add one the a 77. That was the reason I bought a new one on closeout back in 1986.ï¿½
ï¿½ï¿½ï¿½

73 de Bob, K4ESA
ï¿½

Keps FOUR Earthbound Space Amateurs
ï¿½
Knowledge FOUR Experiemental Space Amateurs
ï¿½
Bob Mantell
404-934-9648

(edited bij moderator, removed old text)

631. Re: PSK-31

Yahoo group: FT-707
Date: 2009-01-15 14:41:29 UTC
From: gw4rwr
Topic: 626 Message: 631

If you're willing to forfeit a FIX channel for another band, then you could rewire the rig accordingly. All the crystals are located underside (the AF board).

I have considered losing one fixed channel from bands I don't use, to add one 10B. The rig is wired so that the same crystal is used on 10A, B,C and D. Since I use the 707 for transverting, I wanted a fix channel for SSB calling on 10A, a separate one for a beacon on 10B. You could also have an extra channel within 10A just by selecting a frequency below the standard 5.5-5.0MHz range, and using the 10B position.

73
Rhys
GW4RWR

--- In FT-707@yahoogroups.com, "nsauerbier11148" <nsauerbier11148@...>
wrote:
>
> I use PSK-31 alot. I would like to set up Fix channels on each band
> for this use.Can you still get cyrstals for this? Also, I don't see a
> place for the 30 meter band, which I use alot. I use the 30 meter
band
> for most of my psk-31 and would like to set a Fixed channel for it.
> 73's Neil, KC2MXW
>

632. low transmit power on SSB

Yahoo group: FT-707
Date: 2009-01-15 08:23:00 UTC
From: nsauerbier11148
Topic: 632 Message: 632

I can't get better then about 50 watts PEP on SSB, but AM transmit seems to be o.k. What can be the problem? I adjusted the ALC and it seems to be o.k. too. Does anybody any thoughts on this? I don't have much time to work on the radio and hope it's an easy fix. Thanks Neil

633. Yaesu FT-707 Filters

Yahoo group: FT-707
Date: 2009-01-22 20:19:59 UTC
From: Alex Almonte
Topic: 633 Message: 633

Hi,

Please be informed that I am still looking for Yaesu FT-707 filters in good working condition:

Yaesu XF-8.9HS SSB FILTER
Yaesu XF-8.9HCN NARROW CW FILTER
Yaesu XF-10HW

Please drop me an email as soon as possible if you have any (all of these items) of these items. Many thanks.

634. A Huf-Puf VFO stabilizer for the FT-707

Yahoo group: FT-707
Date: 2009-01-25 13:02:08 UTC
From: on6ab
Topic: 634 Message: 634

Hi All,

I built a Huf-Puf VFO stabilizer for my FT707.
The detailed report is added to the files directory.

Results are amazing. Frequency is rock-stable - no more FV-707DM needed.
All digital modes are possible now.

73,

Bruno
ON6AB

635. Re: [FT-707] A Huf-Puf VFO stabilizer for the FT-707

Yahoo group: FT-707
Date: 2009-01-25 14:31:17 UTC
From: pe1hwo
Topic: 634 Message: 635

Nice work Bruno.

Well done

73 Andr? pe1hwo

----- Original Message -----
From: "on6ab" <bruno>
To: <FT-707@yahoogroups.com>
Sent: Sunday, January 25, 2009 2:02 PM
Subject: [FT-707] A Huf-Puf VFO stabilizer for the FT-707

> Hi All,
>
> I built a Huf-Puf VFO stabilizer for my FT707.
> The detailed report is added to the files directory.
>
> Results are amazing. Frequency is rock-stable - no more FV-707DM needed.
> All digital modes are possible now.
>
> 73,
>
> Bruno
> ON6AB

636. Re: A Huf-Puf VFO stabilizer for the FT-707

Yahoo group: FT-707
Date: 2009-01-25 14:51:12 UTC
From: Greg W:-)
Topic: 634 Message: 636

Yes , excellent job there Bruno.

I haven't had the need to do it in mine as it doesn't get used for
digi-modes, but the thought had crossed my mind.

Good work , and a great pdf presentation -- thanks

gregW:-) OH2FFY

==========

--- In FT-707@yahoogroups.com, "on6ab" <bruno.beckers@...> wrote:
>
> Hi All,
>
> I built a Huf-Puf VFO stabilizer for my FT707.
> The detailed report is added to the files directory.
>
> Results are amazing. Frequency is rock-stable - no more FV-707DM needed.
> All digital modes are possible now.
>
> 73,
>
> Bruno
> ON6AB
>

637. Re: A Huf-Puf VFO stabilizer for the FT-707

Yahoo group: FT-707
Date: 2009-01-25 16:36:26 UTC
From: pa0fri
Topic: 634 Message: 637

Hi folks, the ON6AB's article is also published on:
http://www.xs4all.nl/~pa0fri/Diversen/FT707stabiliser/FT707stabiliser.htm

638. Re: A Huf-Puf VFO stabilizer for the FT-707

Yahoo group: FT-707
Date: 2009-01-27 19:12:07 UTC
From: Ian
Topic: 634 Message: 638

Super job, Bruno (great photos too!)

Thanks & 73 Ian, G8OFZ.

--- In FT-707@yahoogroups.com, "pe1hwo" <pe1hwo@...> wrote:
>
> Nice work Bruno.
>
> Well done
>
> 73 André pe1hwo
>
> ----- Original Message -----
> From: "on6ab" <bruno>
> To: <FT-707@yahoogroups.com>
> Sent: Sunday, January 25, 2009 2:02 PM
> Subject: [FT-707] A Huf-Puf VFO stabilizer for the FT-707
>
>
> > Hi All,
> >
> > I built a Huf-Puf VFO stabilizer for my FT707.
> > The detailed report is added to the files directory.
> >
> > Results are amazing. Frequency is rock-stable - no more FV-707DM
needed.
> > All digital modes are possible now.
> >
> > 73,
> >
> > Bruno
> > ON6AB
>

639. Re: Problem

Yahoo group: FT-707
Date: 2009-01-28 21:26:52 UTC
From: robialbion
Topic: 612 Message: 639

> > frekvency is not stable, numbers on display change very fast
> (mixing)
> > and don't have a recieving.

Help!!!
Just listening on 80m, flipped the 'fix' switch in then out and lost receive, also the frequency is now unstable (alternating by about +/- 2kc up and down), with the bands being fairly dead its difficult to tell without running more tests if its dead on all bands but it does seem to be deaf judging by 7MHz broadcast stations! Oh my..., what have I done!?!? Reading the above post and reply suggests this may be a straightforward repair, I really hope so!!

73 de Rob 2J0RZD

640. FT 707 Problem

Yahoo group: FT-707
Date: 2009-01-29 16:24:02 UTC
From: memsec2
Topic: 612 Message: 640

> Just listening on 80m, flipped the 'fix' switch in then out and lost
> receive, also the frequency is now unstable (alternating by about +/-
> 2kc

A simple squirt of switch cleaner will most likely 'cure' the problem.
The switches are notoriously of poor quality and, after all these
years proven to be unreliable....goes for some the plastic material
used too...

George

641. Re: Problem

Yahoo group: FT-707
Date: 2009-01-30 01:18:33 UTC
From: Phillips, Dave (AZ15)
Topic: 612 Message: 641

Rob

Try your calibrator function. It should tell you if the VFO is drifting, or the counter. When you select the "Fix" function, you are simply switching from the VFO to a fixed crystal. Since this started when you flipped the "Fix", is would start looking there, suspecting a bad switch, to be sure you are actually getting an input from the VFO.

Dave

KB7JS

[Non-text portions of this message have been removed]

642. Re: A Huf-Puf VFO stabilizer for the FT-707

Yahoo group: FT-707
Date: 2009-01-30 16:33:56 UTC
From: on6ab
Topic: 634 Message: 642

--- In FT-707@yahoogroups.com, "Ian" <mcgowani@...> wrote:

>Thanks for all your nice comments guys.

Meanwhile the file is updated.
Some corrections (and simplifications)on the pcb lay-out and an
upgrade on how to connect the 8V supply.

73,

Bruno

>
> Super job, Bruno (great photos too!)
>
> Thanks & 73 Ian, G8OFZ.
>
>
> --- In FT-707@yahoogroups.com, "pe1hwo" <pe1hwo@> wrote:
> >
> > Nice work Bruno.
> >
> > Well done
> >
> > 73 André pe1hwo
> >
> > ----- Original Message -----
> > From: "on6ab" <bruno>
> > To: <FT-707@yahoogroups.com>
> > Sent: Sunday, January 25, 2009 2:02 PM
> > Subject: [FT-707] A Huf-Puf VFO stabilizer for the FT-707
> >
> >
> > > Hi All,
> > >
> > > I built a Huf-Puf VFO stabilizer for my FT707.
> > > The detailed report is added to the files directory.
> > >
> > > Results are amazing. Frequency is rock-stable - no more FV-707DM
> needed.
> > > All digital modes are possible now.
> > >
> > > 73,
> > >
> > > Bruno
> > > ON6AB

> >
>

643. Bobtail Antenna for my Yaesu FT-707

Yahoo group: FT-707
Date: 2009-01-31 06:33:41 UTC
From: Alex Almonte
Topic: 643 Message: 643

Hi,

Any idea how high can I mount my Bobtail antenna for (80m), (40m), (20m), (15m)bands? Any formulas? Also, I would like to ask if there is any available CW and SSB filters for my Yaesu FT-707 from the group? Any spare filters for sale? Please help. Many thanks.

644. Re:FT 707 Problem

Yahoo group: FT-707
Date: 2009-02-02 18:42:34 UTC
From: Utah Dog
Topic: 612 Message: 644

George is absolutely right, the FT-707 panel switches are notorious for this problem. However, I would be careful of the type of cleaner you use on them as they contain a plastic material that is not tolerant of most solvents. I recommend using DeOxitR ProGold.

73's

Dave

KB7JS

[Non-text portions of this message have been removed]

645. Joining your group

Yahoo group: FT-707
Date: 2009-03-04 02:35:00 UTC
From: marccelodp
Topic: 645 Message: 645

Hello
I'm from Argentina and a few days ago I acquired a Yaesu FT-707 excellent condiciones.Encontré in this forum and I found very interesting, which I wish to join the group, if the moderator so desires.
I am and my amateur radio license is LW3DMP.
Look forward to your comments and hope to be part of the group.
Greetings.
Marcelo

646. Hello everybody

Yahoo group: FT-707
Date: 2009-03-07 08:54:47 UTC
From: pe1rea
Topic: 646 Message: 646

Here a message from your moderator, last weekend I had a fire in my house, so at the moment I'm very rare online.
Be patient if your message takes a vew day's before I approve it.
Have a nice weekend, without fire.

Jim, pe1rea

647. FM Board g3roo ?

Yahoo group: FT-707
Date: 2009-03-10 09:40:20 UTC
From: tony.finley@btopenworld.com
Topic: 647 Message: 647

Hi All

I have been given a board that I am told is an FM board for the FT-707 it has the callsign g3roo etched on it but I can find no information about it online, have tried emailing g3roo but had no response. Would love to fit it to my 707, does anyone have any info re the board or fitting it to the 707.

All the best

648. ALC problem?

Yahoo group: FT-707
Date: 2009-03-14 14:25:15 UTC
From: va3pen
Topic: 648 Message: 648

Hi,

I just bought an old FT-707. It seems to work fine but I find the LED meter does not work when the ALC button is pushed. If it is an ALC problem, where should I start looking in the rig?

73,
- Ki

649. Is it an FT-707 or an FT-707 S

Yahoo group: FT-707
Date: 2009-03-09 23:54:56 UTC
From: BRIAN
Topic: 649 Message: 649

Hi, I would be interested to know how one can determine whether the rig for sale in front of you is an FT-707 or an FT-707 S .

Many thanks, Brian

650. RE: [FT-707] Is it an FT-707 or an FT-707 S

Yahoo group: FT-707
Date: 2009-03-16 22:30:38 UTC
From: Adrian
Topic: 649 Message: 650

Brian, quite simply the name plate on the front say FT-707S instead of FT-707, if the name plate is missing then if its 10watts out its more likely to be the S version

Adrian

G0KOM

Hi, I would be interested to know how one can determine whether the rig for sale in front of you is an FT-707 or an FT-707 S .

Many thanks, Brian

–

[Non-text portions of this message have been removed]

651. RE: [FT-707] FM Board g3roo ?

Yahoo group: FT-707
Date: 2009-03-16 23:42:18 UTC
From: Andy Hearn
Topic: 647 Message: 651

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of tony.finley@...
Sent: 10 March 2009 09:40
To: FT-707@yahoogroups.com
Subject: [FT-707] FM Board g3roo ?

Hi All

I have been given a board that I am told is an FM board for the FT-707 it has the callsign g3roo etched on it but I can find no information about it online, have tried emailing g3roo but had no response. Would love to fit it to my 707, does anyone have any info re the board or fitting it to the 707.

All the best

Tony if no joy, I have the full set of articles of his mods I can scan for you, He is pretty active on the WS No 19 Group

73
Andy G3UEQ

Visit
<http://groups.yahoo.com/group/FT-707;_ylc=X3oDMTJkcG83dDltBF9TAzk3MzU5NzE0BGdycElkAzk4NDE4OTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMjM3MjQwODk3> Your Group | Yahoo! Groups Terms
<http://docs.yahoo.com/info/terms/> of Use | Unsubscribe
<mailto:FT-707-unsubscribe@yahoogroups.com?subject=>
.

<http://geo.yahoo.com/serv?s=97359714/grpId=9841890/grpspId=1705063108/msgId=647/stime=1237240897/nc1=1/nc2=2/nc3=3>

[Non-text portions of this message have been removed]

652. Re: [FT-707] FM Board g3roo ?

Yahoo group: FT-707
Date: 2009-03-17 00:55:39 UTC
From: Yahoogroups moderators
Topic: 647 Message: 652

----- Original Message -----
From: Andy Hearn
To: FT-707@yahoogroups.com
Sent: Monday, March 16, 2009 5:42 PM
Subject: RE: [FT-707] FM Board g3roo ?

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of tony.finley@...
Sent: 10 March 2009 09:40
To: FT-707@yahoogroups.com
Subject: [FT-707] FM Board g3roo ?

Hi All

I have been given a board that I am told is an FM board for the FT-707 it has the callsign g3roo etched on it but I can find no information about it online, have tried emailing g3roo but had no response. Would love to fit it to my 707, does anyone have any info re the board or fitting it to the 707.

All the best

Tony if no joy, I have the full set of articles of his mods I can scan for you, He is pretty active on the WS No 19 Group

73
Andy G3UEQ

Visit
<http://groups.yahoo.com/group/FT-707;_ylc=X3oDMTJkcG83dDltBF9TAzk3MzU5NzE0BGdycElkAzk4NDE4OTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMjM3MjQwODk3> Your Group | Yahoo! Groups Terms
<http://docs.yahoo.com/info/terms/> of Use | Unsubscribe
<mailto:FT-707-unsubscribe@yahoogroups.com?subject=>
.

<http://geo.yahoo.com/serv?s=97359714/grpId=9841890/grpspId=1705063108/msgId=647/stime=1237240897/nc1=1/nc2=2/nc3=3>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

653. Re: Is it an FT-707 or an FT-707 S

Yahoo group: FT-707
Date: 2009-03-17 00:27:26 UTC
From: BRIAN
Topic: 649 Message: 653

--- In FT-707@yahoogroups.com, "Adrian" <adrian@...> wrote:
>
>
>
> Brian, quite simply the name plate on the front say FT-707S instead of
> FT-707, if the name plate is missing then if its 10watts out its more likely
> to be the S version
>
>
>
> Adrian
>
> G0KOM
>
>
>
> Hi, I would be interested to know how one can determine whether the
> rig for sale in front of you is an FT-707 or an FT-707 S .
>

.,
> Many thanks, Brian
>
>
> Thanks Adrian,
I have rigs picked up on Ebay. The plates of both state FT-707.
Both indicate approx 10 w output both on the led meter
and the FT matching tuner.

73s Brian VK3VAB
> _
>
>
>
> [Non-text portions of this message have been removed]
>

654. Re: [FT-707] FM Board g3roo ?

Yahoo group: FT-707
Date: 2009-03-17 00:57:32 UTC
From: Yahoogroups moderators
Topic: 647 Message: 654

----- Original Message -----
From: Andy Hearn
To: FT-707@yahoogroups.com
Sent: Monday, March 16, 2009 5:42 PM
Subject: RE: [FT-707] FM Board g3roo ?

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of tony.finley@...
Sent: 10 March 2009 09:40
To: FT-707@yahoogroups.com
Subject: [FT-707] FM Board g3roo ?

Hi All

I have been given a board that I am told is an FM board for the FT-707 it has the callsign g3roo etched on it but I can find no information about it online, have tried emailing g3roo but had no response. Would love to fit it to my 707, does anyone have any info re the board or fitting it to the 707.

All the best

Tony if no joy, I have the full set of articles of his mods I can scan for you, He is pretty active on the WS No 19 Group

73
Andy G3UEQ

Visit
<http://groups.yahoo.com/group/FT-707;_ylc=X3oDMTJkcG83dDltBF9TAzk3MzU5NzE0BGdycElkAzk4NDE4OTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMjM3MjQwODk3> Your Group | Yahoo! Groups Terms
<http://docs.yahoo.com/info/terms/> of Use | Unsubscribe
<mailto:FT-707-unsubscribe@yahoogroups.com?subject=>
.

<http://geo.yahoo.com/serv?s=97359714/grpId=9841890/grpspId=1705063108/msgId=647/stime=1237240897/nc1=1/nc2=2/nc3=3>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

655. Re: Is it an FT-707 or an FT-707 S

Yahoo group: FT-707
Date: 2009-03-17 07:11:48 UTC
From: Greg W:-)
Topic: 649 Message: 655

The 10 Watt version wont have the big heat sink and fan on the back.

Regards

gregW:-) OH2FFY

==========

> Hi, I would be interested to know how one can determine whether the
> rig for sale in front of you is an FT-707 or an FT-707 S .
>
> Many thanks, Brian

656. Re: [FT-707] Is it an FT-707 or an FT-707 S

Yahoo group: FT-707
Date: 2009-03-17 08:22:29 UTC
From: francesco messineo
Topic: 649 Message: 656

Hello,

On 3/10/09, BRIAN <blsutton@...> wrote:
>
>
>
>
>
>
> Hi, I would be interested to know how one can determine whether the
> rig for sale in front of you is an FT-707 or an FT-707 S .
>

I have both. The FT-707S and FT-707 have different name plates (in my rigs at least) and the FT-707 has a big heathsink with fan on the rear. The FT-707S has a flat (no fins) black aluminium rear plate with lots of screws and no fan.

73
Francesco IZ8DWF

657. Long wire

Yahoo group: FT-707
Date: 2009-03-17 09:02:59 UTC
From: BRIAN
Topic: 657 Message: 657

Hi,
Has anyone had a good outcome using a long wire antenna.
I have 2 707 rigs of dubious condition that I purchased on Ebay.
I was assured that they worked perfectly.
I have tried them both on a long wire but can not get and indicated
output on either of more than 10 watts.
Can it be that the output is cutting back because of missmatch
with the long wire?
73s Brian, VK3VAB

658. Re: Long wire

Yahoo group: FT-707
Date: 2009-03-17 15:04:08 UTC
From: Greg W:-)
Topic: 657 Message: 658

Hello Brian.

Long wire antennas are long in relation to the wavelength of the frequency you are on.
For a longwire to equal a dipole in gain it needs to be between 3 and 7 waves long.
Thats one hell of a big antenna.

Obviously most people when they say they are running a long wire they are actually using a random length wire antenna.

In most cases though even these people actually do know the length of the wire and it has been calculated out so as to provide a suitable impedance for a matcher to cope with.

So the idea of someone finding an old bit of wire ,throwing it up into a tree and it works well is baloney.
But of course , at solar maximum a wet piece of string will bring DX contacts , doesn't make it an efficient radiator though does it....?!

The radio is designed for maximum output into a 50 ohm load.
When presented with impedances significantly other than 50 ohms it will drop the power down to a lower level to protect itself.

It is mostly to protect against shorted or open circuit antenna conditions.

I suspect that in your case the antenna was out of range for the tuner to handle (u did use a tuner rite?) , or the ground system wasn't suitable (u did use a ground rite?).

In these cases the radio will definitely lower its output power to protects itself.

And in case you were hoping that the antenna would be a good performer , forget it , they blow big time both for RX and TX.:-)

Regards

gregW:-) OH2FFY ex VK6

==========

--- In FT-707@yahoogroups.com, "BRIAN" <utinsay@...> wrote:
>
> Hi,
> Has anyone had a good outcome using a long wire antenna.
> I have 2 707 rigs of dubious condition that I purchased on Ebay.
> I was assured that they worked perfectly.
> I have tried them both on a long wire but can not get and indicated
> output on either of more than 10 watts.
> Can it be that the output is cutting back because of missmatch
> with the long wire?
> 73s Brian, VK3VAB

>

659. Re: [FT-707] Long wire

Yahoo group: FT-707
Date: 2009-03-17 15:04:24 UTC
From: Kb3hg@aol.com
Topic: 657 Message: 659

Brian,
I hope you are using a tuner,ect. Try a dummy load. the radios when new were capable of 100w + easily. mine at the shop where i purchased my first 707 showed 120w? CW into a dummy load as measured by a Byrd wattmeter, Had them dial it back to 100w. rig is still working strong almost 30 years later. check your? current draw when you transmit.

73,
Tom kb3hg

-----Original Message-----
From: BRIAN <utinsay@...>
To: FT-707@yahoogroups.com
Sent: Tue, 17 Mar 2009 5:02 am
Subject: [FT-707] Long wire

Hi,
Has anyone had a good outcome using a long wire antenna.
I have 2 707 rigs of dubious condition that I purchased on Ebay.
I was assured that they worked perfectly.
I have tried them both on a long wire but can not get and indicated
output on either of more than 10 watts.
Can it be that the output is cutting back because of missmatch
with the long wire?
73s Brian, VK3VAB

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

660. Re: [FT-707] Long wire

Yahoo group: FT-707
Date: 2009-03-17 15:07:03 UTC
From: BG, Pierce Westminster, CO
Topic: 657 Message: 660

Looks more to me like you are transmitting on the exiters only but I am not very profiient in eletronics
----- Original Message -----
From: BRIAN
To: FT-707@yahoogroups.com
Sent: Tuesday, March 17, 2009 3:02 AM
Subject: [FT-707] Long wire

Hi,
Has anyone had a good outcome using a long wire antenna.
I have 2 707 rigs of dubious condition that I purchased on Ebay.
I was assured that they worked perfectly.
I have tried them both on a long wire but can not get and indicated
output on either of more than 10 watts.
Can it be that the output is cutting back because of missmatch
with the long wire?
73s Brian, VK3VAB

[Non-text portions of this message have been removed]

661. Re: Long wire

Yahoo group: FT-707
Date: 2009-03-17 21:55:32 UTC
From: BRIAN
Topic: 657 Message: 661

--- In FT-707@yahoogroups.com, "Greg W:-)" <onegammyleg@...> wrote:
>
> Hello Brian.
>
> Long wire antennas are long in relation to the wavelength of the frequency you are on.
> For a longwire to equal a dipole in gain it needs to be between 3 and 7 waves long.
> Thats one hell of a big antenna.
>
> Obviously most people when they say they are running a long wire they are actually using a random length wire antenna.
>
> In most cases though even these people actually do know the length of the wire and it has been calculated out so as to provide a suitable impedance for a matcher to cope with.
>
> So the idea of someone finding an old bit of wire ,throwing it up into a tree and it works well is baloney.
> But of course , at solar maximum a wet piece of string will bring DX contacts , doesn't make it an efficient radiator though does it....?!
>
> The radio is designed for maximum output into a 50 ohm load.
> When presented with impedances significantly other than 50 ohms it will drop the power down to a lower level to protect itself.
>
> It is mostly to protect against shorted or open circuit antenna conditions.
>
> I suspect that in your case the antenna was out of range for the tuner to handle (u did use a tuner rite?) , or the ground system wasn't suitable (u did use a ground rite?).
>
> In these cases the radio will definitely lower its output power to protects itself.
>
> And in case you were hoping that the antenna would be a good performer , forget it , they blow big time both for RX and TX.:-)
>
> Regards
>
> gregW:-) OH2FFY ex VK6
>
> ==========
>
>
> --- In FT-707@yahoogroups.com, "BRIAN" <utinsay@> wrote:
> >
> > Hi,
> > Has anyone had a good outcome using a long wire antenna.
> > I have 2 707 rigs of dubious condition that I purchased on Ebay.

> > I was assured that they worked perfectly.
> > I have tried them both on a long wire but can not get and indicated
> > output on either of more than 10 watts.
> > Can it be that the output is cutting back because of missmatch
> > with the long wire?
> > 73s Brian, VK3VAB
> >
>Hi Greg, Thank you very much for your help,
Yes I did use both a tuner and ground.
I guess I will put up a dipole.
I had previously had good results with a 64' wire and a TS-520
73, BRIAN , VK3VAB

662. Re: Long wire

Yahoo group: FT-707
Date: 2009-03-17 22:01:17 UTC
From: BRIAN
Topic: 657 Message: 662

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
> Brian,
> I hope you are using a tuner,ect. Try a dummy load. the radios when new were capable of 100w + easily. mine at the shop where i purchased my first 707 showed 120w? CW into a dummy load as measured by a Byrd wattmeter, Had them dial it back to 100w. rig is still working strong almost 30 years later. check your? current draw when you transmit.
>
> 73,
> Tom kb3hg
>
>
>
>
>
>
>
> -----Original Message-----
> From: BRIAN <utinsay@...>
> To: FT-707@yahoogroups.com
> Sent: Tue, 17 Mar 2009 5:02 am
> Subject: [FT-707] Long wire
>
>
>
>
>
>
>
>
>
>
> Hi,
> Has anyone had a good outcome using a long wire antenna.
> I have 2 707 rigs of dubious condition that I purchased on Ebay.
> I was assured that they worked perfectly.
> I have tried them both on a long wire but can not get and indicated
> output on either of more than 10 watts.
> Can it be that the output is cutting back because of missmatch
> with the long wire?
> 73s Brian, VK3VAB
>
>
>

> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
> Hi Tom,
Thank you for your help. Yes I have tried a dummy load and tuner.
Please excuse my ignorance but a at what point in the chain would I check the current drawn?

73s Brian VK3VAB
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

663. Re: Long wire

Yahoo group: FT-707
Date: 2009-03-18 11:09:22 UTC
From: Greg W:-)
Topic: 657 Message: 663

Hi Brian.

A RF power meter terminated with a dummy load is the easiest way to measure output power.

But you can also guestimate the output power (roughly) by measuring the amount of current the radio consumes from the power supply when on TX.

To do this you connect an Amp-meter is series with the + cable going to the radio.
With the radio feeding into a known good 50ohm antenna or dummy load press for TX.

Reading the Amp-meter will show its power consumption.

If for example it is reading 4 amps then it obviously not putting out 100W.
More than likely that would be round about the consumption for a 10W rig.

If on the other hand the Amp-meter is indicating 20 - 30 amps , then thats the ball park figure for a healthy 100W ham radio.

Regards

gregW:-) OH2FFY ex VK6

==========

--- In FT-707@yahoogroups.com, "BRIAN" <utinsay@...> wrote:
SNIP
> > Hi Tom,
> Thank you for your help. Yes I have tried a dummy load and tuner.
> Please excuse my ignorance but a at what point in the chain would I check the current drawn?
>
> 73s Brian VK3VAB

664. Re: [FT-707] Re: Long wire

Yahoo group: FT-707
Date: 2009-03-21 06:51:15 UTC
From: BRIAN SUTTON
Topic: 657 Message: 664

Hi Greg, Thank you very much. Rgds. Brian, VK3VAB

--- On Wed, 18/3/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@yahoo.com.au>
Subject: [FT-707] Re: Long wire
To: FT-707@yahoogroups.com
Received: Wednesday, 18 March, 2009, 10:09 PM

Hi Brian.

A RF power meter terminated with a dummy load is the easiest way to measure output power.

But you can also guestimate the output power (roughly) by measuring the amount of current the radio consumes from the power supply when on TX.

To do this you connect an Amp-meter is series with the + cable going to the radio.

With the radio feeding into a known good 50ohm antenna or dummy load press for TX.

Reading the Amp-meter will show its power consumption.

If for example it is reading 4 amps then it obviously not putting out 100W.

More than likely that would be round about the consumption for a 10W rig.

If on the other hand the Amp-meter is indicating 20 - 30 amps , then thats the ball park figure for a healthy 100W ham radio.

Regards

gregW:-) OH2FFY ex VK6

========== ========= ========= ========= ========= ========= ========= ====

--- In FT-707@yahoogroups. com, "BRIAN" <utinsay@... > wrote:

SNIP

> > Hi Tom,

> Thank you for your help. Yes I have tried a dummy load and tuner.

> Please excuse my ignorance but a at what point in the chain would I check the current drawn?

>

> 73s Brian VK3VAB

Stay connected to the people that matter most with a smarter inbox. Take a look http://au.docs.yahoo.com/mail/smarterinbox

[Non-text portions of this message have been removed]

665. Re: [FT-707] Re: Long wire

Yahoo group: FT-707
Date: 2009-03-21 06:51:16 UTC
From: BRIAN SUTTON
Topic: 657 Message: 665

Hi Greg, Thank you very much. Rgds. Brian, VK3VAB

--- On Wed, 18/3/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@...>
Subject: [FT-707] Re: Long wire
To: FT-707@yahoogroups.com
Received: Wednesday, 18 March, 2009, 10:09 PM

Hi Brian.

A RF power meter terminated with a dummy load is the easiest way to measure output power.

But you can also guestimate the output power (roughly) by measuring the amount of current the radio consumes from the power supply when on TX.

To do this you connect an Amp-meter is series with the + cable going to the radio.

With the radio feeding into a known good 50ohm antenna or dummy load press for TX.

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If for example it is reading 4 amps then it obviously not putting out 100W.

More than likely that would be round about the consumption for a 10W rig.

If on the other hand the Amp-meter is indicating 20 - 30 amps , then thats the ball park figure for a healthy 100W ham radio.

Regards

gregW:-) OH2FFY ex VK6

========== ========= ========= ========= ========= ========= ========= ====

--- In FT-707@yahoogroups. com, "BRIAN" <utinsay@... > wrote:

SNIP

> > Hi Tom,

> Thank you for your help. Yes I have tried a dummy load and tuner.

> Please excuse my ignorance but a at what point in the chain would I check the current drawn?

>

> 73s Brian VK3VAB

Messages in this topic (7)

Reply (via web post)
|

Start a new topic

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http://au.docs.yahoo.com/mail/smarterinbox

[Non-text portions of this message have been removed]

666. Re: [FT-707] Re: Long wire

Yahoo group: FT-707
Date: 2009-03-21 06:51:18 UTC
From: BRIAN SUTTON
Topic: 657 Message: 666

Hi Greg, Thank you very much. Rgds. Brian, VK3VAB

--- On Wed, 18/3/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@yahoo.com.au>
Subject: [FT-707] Re: Long wire
To: FT-707@yahoogroups.com
Received: Wednesday, 18 March, 2009, 10:09 PM

Hi Brian.

A RF power meter terminated with a dummy load is the easiest way to measure output power.

But you can also guestimate the output power (roughly) by measuring the amount of current the radio consumes from the power supply when on TX.

To do this you connect an Amp-meter is series with the + cable going to the radio.

With the radio feeding into a known good 50ohm antenna or dummy load press for TX.

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If for example it is reading 4 amps then it obviously not putting out 100W.

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If on the other hand the Amp-meter is indicating 20 - 30 amps , then thats the ball park figure for a healthy 100W ham radio.

Regards

gregW:-) OH2FFY ex VK6

========== ========= ========= ========= ========= ========= ========= ====

--- In FT-707@yahoogroups. com, "BRIAN" <utinsay@... > wrote:

SNIP

> > Hi Tom,

> Thank you for your help. Yes I have tried a dummy load and tuner.

> Please excuse my ignorance but a at what point in the chain would I check the current drawn?

>

> 73s Brian VK3VAB

Stay connected to the people that matter most with a smarter inbox. Take a look http://au.docs.yahoo.com/mail/smarterinbox

[Non-text portions of this message have been removed]

667. Re: Long wire

Yahoo group: FT-707
Date: 2009-04-01 05:31:07 UTC
From: jfein2000
Topic: 657 Message: 667

Back in the 1960s when I first got into amateur radio I used an incancescent light bulb. My rig, a Heathkit DX40 was supposed to put out 75 watts on CW. Properly tuned it lit a 75Watt bulb quite well....
Jeff

--- In FT-707@yahoogroups.com, "Greg W:-)" <onegammyleg@...> wrote:
>
> Hi Brian.
>
> A RF power meter terminated with a dummy load is the easiest way to measure output power.
>
> But you can also guestimate the output power (roughly) by measuring the amount of current the radio consumes from the power supply when on TX.
>
> To do this you connect an Amp-meter is series with the + cable going to the radio.
> With the radio feeding into a known good 50ohm antenna or dummy load press for TX.
>
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>
> If for example it is reading 4 amps then it obviously not putting out 100W.
> More than likely that would be round about the consumption for a 10W rig.
>
> If on the other hand the Amp-meter is indicating 20 - 30 amps , then thats the ball park figure for a healthy 100W ham radio.
>
>
> Regards
>
> gregW:-) OH2FFY ex VK6
>
> ==========
>
>
> --- In FT-707@yahoogroups.com, "BRIAN" <utinsay@> wrote:
> SNIP
> > > Hi Tom,
> > Thank you for your help. Yes I have tried a dummy load and tuner.
> > Please excuse my ignorance but a at what point in the chain would I check the current drawn?
> >
> > 73s Brian VK3VAB
>

668. Re: Long wire

Yahoo group: FT-707
Date: 2009-04-05 18:25:05 UTC
From: Greg W:-)
Topic: 657 Message: 668

Hi Jeff

Yes you are right ... this was popular in its day - but it REALLY a bad thing to do with solid state rigs.

A combination of the inductance of the globes coil and the fact that the filaments resistance changes with heat will quickly reduce your solid state PA to a smoking mess.

Its now not even recommended for QRP rigs.

Regards

gregW:-) OH2FFY

==========

--- In FT-707@yahoogroups.com, "jfein2000" <jefftrav@...> wrote:
>
> Back in the 1960s when I first got into amateur radio I used an incancescent light bulb. My rig, a Heathkit DX40 was supposed to put out 75 watts on CW. Properly tuned it lit a 75Watt bulb quite well....
> Jeff

669. Variable output power

Yahoo group: FT-707
Date: 2009-04-05 19:28:13 UTC
From: Clive Hollins
Topic: 669 Message: 669

Hi Guys, I have just inherited a 707 from a good friend who died in January. I have fixed the tuner which had a blown VSWR bridge diode and blown dial light, but there also seems to be a problem with the output power. On keying up in the AM mode into a dummy load sometimes I get full O/P and next time it is halved then some other value. It seems to range from about 5W to 15W provided I set the carrier appropriately.

I suspect the TX/RX relay because according to other sources of info this seems to be a weak point in the rig. Or could it possibly be the switches playing up?
Any comment from more experienced users would be appreciated.
Apart from that I have found it to be a superb rig and I actually prefer it to my modern 817.

670. Do I have the CWN filter?

Yahoo group: FT-707
Date: 2009-04-08 04:27:30 UTC
From: chambersjacob
Topic: 670 Message: 670

Hello all, this is my first post. The FT 707 is my first Ham rig ever, and I am having a blast. It seems like a fine piece of equipment, and once I obtained the matching tuner and power supply it is really looking nice on my table.
I operate a lot of CW and I cannot trasmit in CW N mode, though for recieve it works great, cutting a lot of noise. The rig works transmits fine in CW W mode, but I want a narower bandwidth. I know there is an add-on filter. Is this required to get CW N to work in transmit? Or do I already have it if CW N works for recieve?
Thanks
Jacob KJ4JQV

671. Re: [FT-707] Variable output power

Yahoo group: FT-707
Date: 2009-04-07 07:21:13 UTC
From: francesco messineo
Topic: 669 Message: 671

Hello,

On 4/5/09, Clive Hollins <m5chh@...> wrote:
>
>
>
>
>
>
> Hi Guys, I have just inherited a 707 from a good friend who died in January. I have fixed the tuner which had a blown VSWR bridge diode and blown dial light, but there also seems to be a problem with the output power. On keying up in the AM mode into a dummy load sometimes I get full O/P and next time it is halved then some other value. It seems to range from about 5W to 15W provided I set the carrier appropriately.
>

mine was doing a similar defect, not only in AM, and it turned out to
be caused by bad solder joints in the RF-Unit pcb.

I think you already checked for dirty carrier potentiometer too.
73
Francesco IZ8DWF

672. Re: [FT-707] Re: Long wire

Yahoo group: FT-707
Date: 2009-04-06 23:57:47 UTC
From: Jeff Fein
Topic: 657 Message: 672

Appreciate that feedback Greg.

Cheers
Jeff

--- On Mon, 6/4/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@yahoo.com.au>
Subject: [FT-707] Re: Long wire
To: FT-707@yahoogroups.com
Received: Monday, 6 April, 2009, 4:25 AM

Hi Jeff

Yes you are right ... this was popular in its day - but it REALLY a bad thing to do with solid state rigs.

A combination of the inductance of the globes coil and the fact that the filaments resistance changes with heat will quickly reduce your solid state PA to a smoking mess.

Its now not even recommended for QRP rigs.

Regards

gregW:-) OH2FFY

========== ========= ========= ========= ========= ========= ========= ===

--- In FT-707@yahoogroups. com, "jfein2000" <jefftrav@.. .> wrote:
>
> Back in the 1960s when I first got into amateur radio I used an incancescent light bulb. My rig, a Heathkit DX40 was supposed to put out 75 watts on CW. Properly tuned it lit a 75Watt bulb quite well....
> Jeff

The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.

[Non-text portions of this message have been removed]

673. Re: Variable output power

Yahoo group: FT-707
Date: 2009-04-08 13:34:22 UTC
From: Ian
Topic: 669 Message: 673

Hello Chris,
Firstly I would connect the 50 ohm dummy load straight to the 707 antenna socket (to eliminate any tuner funnies from the equation) and check whether 100W (or there abouts) is obtainable on CW on all bands (also eliminating the AM mode cct from the equation).
Without more info it's difficult to give meaningful advice. I have had trouble with the Tx/Rx relay in the past but never manifesting itself as varying pwr out - usually as a reluctance to change from Rx to Tx when keying the PTT line or vice versa.
Check it out on CW as suggested above and if the problem still exists I would consider the antenna c/o relay, or the possibility of a problem in the ALC circuitry, such as a dodgy pot. etc.
Let us know how you get on and we can maybe take it further then.

Good Luck! 73 Ian, G8OFZ.

--- In FT-707@yahoogroups.com, "Clive Hollins" <m5chh@...> wrote:
>
> Hi Guys, I have just inherited a 707 from a good friend who died in January. I have fixed the tuner which had a blown VSWR bridge diode and blown dial light, but there also seems to be a problem with the output power. On keying up in the AM mode into a dummy load sometimes I get full O/P and next time it is halved then some other value. It seems to range from about 5W to 15W provided I set the carrier appropriately.
>
> I suspect the TX/RX relay because according to other sources of info this seems to be a weak point in the rig. Or could it possibly be the switches playing up?
> Any comment from more experienced users would be appreciated.
> Apart from that I have found it to be a superb rig and I actually prefer it to my modern 817.
>

674. Re: [FT-707] Do I have the CWN filter?

Yahoo group: FT-707
Date: 2009-04-10 08:08:33 UTC
From: francesco messineo
Topic: 670 Message: 674

Hello Jacob,

On 4/8/09, chambersjacob <chambersjacob@...> wrote:
>
>
>
>
>
>
>
>
> Hello all, this is my first post. The FT 707 is my first Ham rig ever, and I am having a blast. It seems like a fine piece of equipment, and once I obtained the matching tuner and power supply it is really looking nice on my table.
> I operate a lot of CW and I cannot trasmit in CW N mode, though for recieve it works great, cutting a lot of noise. The rig works transmits fine in CW W mode, but I want a narower bandwidth. I know there is an add-on filter. Is this required to get CW N to work in transmit? Or do I already have it if CW N works for recieve?

what you describe sounds pretty strange. First of all, I suggest you to download the FT-707 manual from the internet, you can find in several places including http://www.radioamateur.eu
Then with the aid of figures on the manual, open the top cover and remove a few screws that holds the RF unit board mounting plate, that will get you to the IF Unit board where you can check if the CW-N filter is installed and correctly soldered.
However, if the CW-N filter is not installed, it's place is usually jumpered to the SSB filter (which is selected by the CW-W position), so the position of the mode switch shouldn't really matter if you're txing or rxing both if CW-N is installed or not.
I suspect there's another problem in your 707, this problem could be caused by a wire going to the mode switch that got disconnected. It's not easy to spot since that switch holds quite a lot of wires, but you might check the presence of the correct voltages on the IF Unit connector J01. As you see from the schematic, there're three wires labeled AME, SSBE and CWE that select the filter (SSB, CW or no filter if AME is grounded).
Basicly you should check that SSBE is grounded (both on receive and transmit) if SSB or CW-W modes are selected and CWE is grounded (again, both on receive and transmit) if CW-N is selected.

After these tests the situation will be more clear I think :-)

best 73
Francesco IZ8DWF

675. Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-10 16:29:12 UTC
From: Greg W:-)
Topic: 648 Message: 675

Howdee all.

It doesn't say in the manual , and as I have only had one 707 with nothing to compare it to, I have a question.

As I apply the attenuator the S meter reading rises up to full scale.

Is this normal behavior ?

Regards

gregW:-) OH2FFY

Yahoo group - CB2HAM

676. Re: [FT-707] Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-14 18:12:16 UTC
From: Dave
Topic: 648 Message: 676

Hi Greg

Both my FT707 and Sommerkamp DX767 do the same so I assume it's normal behaviour.

Dave G7HNO

Greg W:-) wrote:
>
>
> Howdee all.
>
> It doesn't say in the manual , and as I have only had one 707 with
> nothing to compare it to, I have a question.
>
> As I apply the attenuator the S meter reading rises up to full scale.
>
> Is this normal behavior ?
>
> Regards
>
> gregW:-) OH2FFY
>
> Yahoo group - CB2HAM
>
>
>
> ----------
> *Text inserted by Platinum 2007:*
>
> This message has NOT been classified as spam. If it is unsolicited
> mail (spam), click on the following link to reclassify it: It is spam!
> <http://127.0.0.1:6083/Panda?ID=pav_23213&SPAM=true>
> ----------

[Non-text portions of this message have been removed]

677. Re:Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-15 06:35:14 UTC
From: Phillips, Dave (AZ15)
Topic: 648 Message: 677

Yes, that is normal behavior. When raising the attenuator, you are essentially elevating the noise floor of the receiver, or another way to think about it is reducing the gain of the receiver, so the s-meter has less gain to reflect input signal strength. I know this sounds weird, but it works that way with many receivers.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

678. Re: Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-15 04:55:24 UTC
From: Greg W:-)
Topic: 648 Message: 678

Hi Dave - Thanks for checking that out.
What a weird meter :-)

Regards

gregW:-) OH2FFY

==========

--- In FT-707@yahoogroups.com, Dave <dave@...> wrote:
>
> Hi Greg
>
> Both my FT707 and Sommerkamp DX767 do the same so I assume it's normal
> behaviour.
>
> Dave G7HNO

679. Re: [FT-707] Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-13 23:03:51 UTC
From: roughplanet
Topic: 648 Message: 679

Yes. Mine do the same thing.

ruff

----- Original Message -----
From: Greg W:-)
To: FT-707@yahoogroups.com
Sent: Saturday, April 11, 2009 2:29 AM
Subject: [FT-707] Meter - is this normal ?

Howdee all.

It doesn't say in the manual , and as I have only had one 707 with nothing to compare it to, I have a question.

As I apply the attenuator the S meter reading rises up to full scale.

Is this normal behavior ?

Regards

gregW:-) OH2FFY

Yahoo group - CB2HAM

[Non-text portions of this message have been removed]

680. Re: [FT-707] Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-13 07:52:42 UTC
From: francesco messineo
Topic: 648 Message: 680

Hello Greg,

On 4/10/09, Greg W:-) <onegammyleg@...> wrote:
> Howdee all.
>
> It doesn't say in the manual , and as I have only had one 707 with nothing
> to compare it to, I have a question.
>
> As I apply the attenuator the S meter reading rises up to full scale.

attenuator? The FT-707 doesn't have any attenuator!
Maybe you mean the RF gain potentiometer?

>
> Is this normal behavior ?

if you're actually turning the RF gain then it's normal, it just uses
the agc (also displayed by the S-meter) voltage to lower the rf stages
gain.

Regards
Francesco IZ8DWF

681. Re: Meter - is this normal ?

Yahoo group: FT-707
Date: 2009-04-26 09:30:41 UTC
From: Greg W:-)
Topic: 648 Message: 681

Thanks to everyone that replied to my question.

Knowing this meter characteristic in advance has saved me from many hours debugging a problem which isn't really a problem.

The meter in my radio has gone weird and will need sorting out before I put it up for sale. (I only sell 100% perfect radios)

It occasionally would show full scale on RX when coming from TX.
Sometimes tapping the key would restore it to correct functioning.

Now it is FSD all the time when on RX.

I am thinking (without looking at the schematic) its a relay related issue.

But , thats for another time ....

Regards

gregW:-) OH2FFY

682. Ugly, Cheap 707 with issues

Yahoo group: FT-707
Date: 2009-04-26 23:56:45 UTC
From: Bob
Topic: 682 Message: 682

I sure didn't need another rig, but I went to a garage/estate sale this past weekend and got a FT-707, mic, manual and FP-107E power supply and a FT-7 for $140.00 out the door for all.

Think I can sell the FT-7 for enough on QRP-L to recover the cost of the 707 system.

The FT-707 is dirty and just butt ugly. Owned by a smoker, covered with dust side panels are missing as well as the top case screws. Had to scrub down the YM-35 mic to avoid picking up some kind of infection. The radio also covers CB frequencies which I'm not interested in.

I'm not planning on restoring this rig and treating it like a vintage piece of Collins gear, but I would like to give it a good tune up and keep it for a backup or pass it along as a loaner to a kid with a new license.

Receiver seems to work well on 80-20 meters. Waiting for band conditions to see if it receives on 15-10 meters.

Transmitter seems to make around 100 watts on 80 - 10 meters according to my Bird meter.

My immediate concern is that the radio seems to be stuck on high power transmit. I can't adjust the CAR control for a lower output so
I'm hesitant to try to run it into an antenna tuner and try to get on the air.

I'm thinking that the CAR control pot is nasty and just needs a spritz of contact cleaner, but I wanted to post about this to see if there's something else I should check out as well.

Bob - K5RJH
Eureka Springs, AR

683. Re: [FT-707] Ugly, Cheap 707 with issues

Yahoo group: FT-707
Date: 2009-04-27 08:02:01 UTC
From: David
Topic: 682 Message: 683

Hi Bob

From memory the carrier adjust only changes the output for CW and AM and will reduce to 10 watts on these modes.
I think you are unable to reduce the output for SSB - I will crack the radio up tonight and check for you.

I have a service manual somewhere - If I can find it I will take a look.

73 Dave G7HNO
----- Original Message -----
From: Bob
To: FT-707@yahoogroups.com
Sent: Monday, April 27, 2009 12:56 AM
Subject: [FT-707] Ugly, Cheap 707 with issues

I sure didn't need another rig, but I went to a garage/estate sale this past weekend and got a FT-707, mic, manual and FP-107E power supply and a FT-7 for $140.00 out the door for all.

Think I can sell the FT-7 for enough on QRP-L to recover the cost of the 707 system.

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I'm hesitant to try to run it into an antenna tuner and try to get on the air.

I'm thinking that the CAR control pot is nasty and just needs a spritz of contact cleaner, but I wanted to post about this to see if there's something else I should check out as well.

Bob - K5RJH
Eureka Springs, AR

[Non-text portions of this message have been removed]

684. Re: [FT-707] Ugly, Cheap 707 with issues

Yahoo group: FT-707
Date: 2009-04-27 08:07:35 UTC
From: D. Yudhistira
Topic: 682 Message: 684

Hi, I just confirming David's post, that in FT- 707 's CAR only work on AM,CW. You have to modify the power board to get variable output power on SSB, I've seen that some where on www.mods.co.?? (Forget the domain) view years ago. Hope cab help

73 from Indonesia
D. Yudhistira Via GreyBerry?
Dan Sinyal Kuat INDOSAT

-----Original Message-----
From: "David" <dave@...>

Date: Mon, 27 Apr 2009 09:02:01
To: <FT-707@yahoogroups.com>
Subject: Re: [FT-707] Ugly, Cheap 707 with issues

Hi Bob

From memory the carrier adjust only changes the output for CW and AM and will reduce to 10 watts on these modes.
I think you are unable to reduce the output for SSB - I will crack the radio up tonight and check for you.

I have a service manual somewhere - If I can find it I will take a look.

73 Dave G7HNO
----- Original Message -----
From: Bob
To: FT-707@yahoogroups.com
Sent: Monday, April 27, 2009 12:56 AM
Subject: [FT-707] Ugly, Cheap 707 with issues

I sure didn't need another rig, but I went to a garage/estate sale this past weekend and got a FT-707, mic, manual and FP-107E power supply and a FT-7 for $140.00 out the door for all.

Think I can sell the FT-7 for enough on QRP-L to recover the cost of the 707 system.

The FT-707 is dirty and just butt ugly. Owned by a smoker, covered with dust side panels are missing as well as the top case screws. Had to scrub down the YM-35 mic to avoid picking up some kind of infection. The radio also covers CB frequencies which I'm not interested in.

I'm not planning on restoring this rig and treating it like a vintage piece of Collins gear, but I would like to give it a good tune up and keep it for a backup or pass it along as a loaner to a kid with a new license.

Receiver seems to work well on 80-20 meters. Waiting for band conditions to see if it receives on 15-10 meters.

Transmitter seems to make around 100 watts on 80 - 10 meters according to my Bird meter.

My immediate concern is that the radio seems to be stuck on high power transmit. I can't adjust the CAR control for a lower output so
I'm hesitant to try to run it into an antenna tuner and try to get on the air.

I'm thinking that the CAR control pot is nasty and just needs a spritz of contact cleaner, but I wanted to post about this to see if there's something else I should check out as well.

Bob - K5RJH
Eureka Springs, AR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

685. Re: [FT-707] Ugly, Cheap 707 with issues

Yahoo group: FT-707
Date: 2009-04-27 09:31:46 UTC
From: Jeff Fein
Topic: 682 Message: 685

It has overload protection and is pretty robust from my recent experience. Just got back on the air after 40+years and picked up one on Ebay. They are pretty well built.

Good luck with it,
Jeff
VK3GMO

--- On Mon, 27/4/09, David <dave@...> wrote:

From: David <dave@...>
Subject: Re: [FT-707] Ugly, Cheap 707 with issues
To: FT-707@yahoogroups.com
Received: Monday, 27 April, 2009, 6:02 PM

Hi Bob

From memory the carrier adjust only changes the output for CW and AM and will reduce to 10 watts on these modes.
I think you are unable to reduce the output for SSB - I will crack the radio up tonight and check for you.

I have a service manual somewhere - If I can find it I will take a look.

73 Dave G7HNO
----- Original Message -----
From: Bob
To: FT-707@yahoogroups. com
Sent: Monday, April 27, 2009 12:56 AM
Subject: [FT-707] Ugly, Cheap 707 with issues

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Bob - K5RJH
Eureka Springs, AR

[Non-text portions of this message have been removed]

The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.

[Non-text portions of this message have been removed]

686. Re: [FT-707] Ugly, Cheap 707 with issues

Yahoo group: FT-707
Date: 2009-05-01 01:05:19 UTC
From: Alexander Almonte
Topic: 682 Message: 686

Hi,

Do you have a recent pix of the FT-707? How much you sell it?

Best regards,

ALEX ALMONTE

--- On Mon, 27/4/09, Bob <bob311@...> wrote:

From: Bob <bob311@...>
Subject: [FT-707] Ugly, Cheap 707 with issues
To: FT-707@yahoogroups.com
Date: Monday, 27 April, 2009, 7:56 AM

I sure didn't need another rig, but I went to a garage/estate sale this past weekend and got a FT-707, mic, manual and FP-107E power supply and a FT-7 for $140.00 out the door for all.

Think I can sell the FT-7 for enough on QRP-L to recover the cost of the 707 system.

The FT-707 is dirty and just butt ugly. Owned by a smoker, covered with dust side panels are missing as well as the top case screws. Had to scrub down the YM-35 mic to avoid picking up some kind of infection. The radio also covers CB frequencies which I'm not interested in.

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My immediate concern is that the radio seems to be stuck on high power transmit. I can't adjust the CAR control for a lower output so
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I'm thinking that the CAR control pot is nasty and just needs a spritz of contact cleaner, but I wanted to post about this to see if there's something else I should check out as well.

Bob - K5RJH
Eureka Springs, AR

Get your new Email address!
Grab the Email name you've always wanted before someone else does!
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

687. MY FT-707

Yahoo group: FT-707
Date: 2009-04-30 11:21:15 UTC
From: richardpenalurick
Topic: 687 Message: 687

Hallo members,
I have just purchased an FT-707 from where else but E-Bay!
It came with the FP-707 but the transceiver only puts out a few watts with the ALC meter lighting up like a Christmas tree!
I have downloaded a Service manual, but it is very similar to the handbook. Unfortunately the boxs on some of the cct diagrams that have voltages or waveforms(?) are just black rectangles while to keep us on our toes, some of the signal names change.
Can anyone tell me what the abbreviation of Rev ALC as opposed to just ALC means?
I will start to look at the ALC signals, soon.
regards,
-Richard
VK2HW

688. Hello from a new member

Yahoo group: FT-707
Date: 2009-05-01 14:07:02 UTC
From: Patricia Turpin
Topic: 688 Message: 688

Hi all,

I may be the group step-child, but I have recently unpacked my old FT-77 and plan to put it on 40 meters CW shortly. I have looked for a group specifically for the FT-77, but the FT-707 is as close as it comes. So, I have some questions:

The 77 and 707 are very similar...

Which came first?

Are the 707 accessories compatible with my ft-77?

Did the 707 have the same rubber VFO ring that softened and fell apart years ago on my 77?

Does anyone know of a replacement?

Anyone have a dead power supply? I lost the top cover of mine years ago - it still works, but it looks terrible with the insides visible!!!

Although I plan to use CW, I have lost my hand mic in a number of moves the last decade, anyone know where I can find a replacement.

So, there we go. I plan on giving CW a try this weekend. I have temporarily put up a G5RV junior up about 12 feet! Yes, I know, that low, it's pattern is pointing almost straight up, but I plan on having it up about 35 - 40 feet shortly.

I was first licensed in 1962, Extra since 1987. Last time on HF was in the mid 1980's. Looking forward to being active again.

Thanks for any info... 73's

Patricia -- AB4CT
Jackson, TN

689. Re: [FT-707] Hello from a new member

Yahoo group: FT-707
Date: 2009-05-03 19:16:43 UTC
From: francesco messineo
Topic: 688 Message: 689

Hello,

On 5/1/09, Patricia Turpin <pjblack47@...> wrote:

>
>
> Hi all,
>
> I may be the group step-child, but I have recently unpacked my old FT-77 and plan to put it on 40 meters CW shortly. I have looked for a group specifically for the FT-77, but the FT-707 is as close as it comes. So, I have some questions:
>
> The 77 and 707 are very similar...
>
> Which came first?

I've never had an FT-77, nor I really know when it came out, but I'm pretty sure the FT-707 is older than the FT-77, for the following reasons:

1) the FT-707 has AM, the FT-77 has FM (as option) and not AM.
2) the FT-77 has a PLL circuit with varactors to lock the LO frequency, the FT-707 doesn't.
3) (in my opinion) FT-77 look is somehow "newer" than the FT-707.

>
> Are the 707 accessories compatible with my ft-77?

looks like they are, from the manual of the FT-77 I see they have the same rear connectors (some are labeled differently but have the same signals) than the ones on the FT-707, also they have the same VFO frequency range (like many of the older Yaesu), on the manual they also mention FV-707DM as a possible option for the FT-77 (among others).

>
> Did the 707 have the same rubber VFO ring that softened and fell apart years ago on my 77?

no, VFO knob is all plastic with aluminium scale and cover (the only advantage of the 707?).

>
> Does anyone know of a replacement?

You might ask Vertex/Standard part department in USA (look out the part no. on the service manual), they have many older parts, that ring

could also be used in many different and newer Yaesu rigs, so they
might have a good stock. Just guessing, but worth a quick try.

>
> Anyone have a dead power supply? I lost the top cover of mine years ago - it still works, but it looks terrible with the insides visible!!!
>
> Although I plan to use CW, I have lost my hand mic in a number of moves the last decade, anyone know where I can find a replacement.

hmmm, Yaesu 8-pin microphones have almost all "compatible" wirings.
Also I rewired quite a lot of other microphones and they worked quite
well with the Yaesu rigs I have. This include some old cheap CB mikes,
one Motorola amplified mike and one Turner +3 desk mike.
It only takes an 8 pin connector, a soldering iron and a look on the manual.

>
> So, there we go. I plan on giving CW a try this weekend. I have temporarily put up a G5RV junior up about 12 feet! Yes, I know, that low, it's pattern is pointing almost straight up, but I plan on having it up about 35 - 40 feet shortly.
>
> I was first licensed in 1962, Extra since 1987. Last time on HF was in the mid 1980's. Looking forward to being active again.

Good luck and good DX :-)

73 de IZ8DWF

690. Re: [FT-707] FT-77

Yahoo group: FT-707
Date: 2009-05-03 19:57:13 UTC
From: Bob Mantell
Topic: 688 Message: 690

I have a FT-77, use it with a FV-707DM VFO , FP-700 power supply/speaker and FC-707 tuner. It has the optional FM card installed, and the VFO rubber knob melted and fell off few years ago.

The FT-77 did come out after the FT-707

http://www.rigpix.com/yaesu/ft77.htm

Look For a MH-1b8 or a MD-1b8 mic for direct plug in and to use the shift function on the FV-707DM when you get one, which I would recommend.

73 de Bob,

 K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Sun, 5/3/09, francesco messineo <francesco.messineo@...> wrote:

From: francesco messineo <francesco.messineo@...>
Subject: Re: [FT-707] Hello from a new member
To: FT-707@yahoogroups.com
Date: Sunday, May 3, 2009, 7:16 PM

Hello,

On 5/1/09, Patricia Turpin <pjblack47@yahoo. com> wrote:

>
>
> Hi all,
>
> I may be the group step-child, but I have recently unpacked my old FT-77 and plan to put it on 40 meters CW shortly. I have looked for a group specifically for the FT-77, but the FT-707 is as close as it comes. So, I have some questions:
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> The 77 and 707 are very similar...
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> Which came first?

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1) the FT-707 has AM, the FT-77 has FM (as option) and not AM.
2) the FT-77 has a PLL circuit with varactors to lock the LO frequency, the FT-707 doesn't.

3) (in my opinion) FT-77 look is somehow "newer" than the FT-707.

>
> Are the 707 accessories compatible with my ft-77?

looks like they are, from the manual of the FT-77 I see they have the
same rear connectors (some are labeled differently but have the same
signals) than the ones on the FT-707, also they have the same VFO
frequency range (like many of the older Yaesu), on the manual they
also mention FV-707DM as a possible option for the FT-77 (among
others).

>
> Did the 707 have the same rubber VFO ring that softened and fell apart years ago on my
77?

no, VFO knob is all plastic with aluminium scale and cover (the only
advantage of the 707?).

>
> Does anyone know of a replacement?

You might ask Vertex/Standard part department in USA (look out the
part no. on the service manual), they have many older parts, that ring
could also be used in many different and newer Yaesu rigs, so they
might have a good stock. Just guessing, but worth a quick try.

>
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It only takes an 8 pin connector, a soldering iron and a look on the manual..

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> So, there we go. I plan on giving CW a try this weekend. I have temporarily put up a G5RV
junior up about 12 feet! Yes, I know, that low, it's pattern is pointing almost straight
up, but I plan on having it up about 35 - 40 feet shortly.
>
> I was first licensed in 1962, Extra since 1987. Last time on HF was in the mid 1980's.
Looking forward to being active again.

Good luck and good DX :-)

73 de IZ8DWF

[Non-text portions of this message have been removed]

691. Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-03 21:34:29 UTC
From: Patricia Turpin
Topic: 688 Message: 691

Hi Francesco,

Thanks for responding and for the information. I'm looking forward to getting back on. It is nice to have a big backyard with lots of tall trees in which to string antennas.

73

Patricia - AB4CT - Jackson, TN

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> Hello,
>
> On 5/1/09, Patricia Turpin <pjblack47@...> wrote:
>
> >
> >
> > Hi all,
> >
> > I may be the group step-child, but I have recently unpacked my old FT-77 and plan to put it on 40 meters CW shortly. I have looked for a group specifically for the FT-77, but the FT-707 is as close as it comes. So, I have some questions:
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> signals) than the ones on the FT-707, also they have the same VFO
> frequency range (like many of the older Yaesu), on the manual they
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> others).
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> >
> > Did the 707 have the same rubber VFO ring that softened and fell apart years ago on my 77?
>
> no, VFO knob is all plastic with aluminium scale and cover (the only
> advantage of the 707?).
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> >
> > Does anyone know of a replacement?
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> You might ask Vertex/Standard part department in USA (look out the
> part no. on the service manual), they have many older parts, that ring
> could also be used in many different and newer Yaesu rigs, so they
> might have a good stock. Just guessing, but worth a quick try.
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> Also I rewired quite a lot of other microphones and they worked quite
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> > I was first licensed in 1962, Extra since 1987. Last time on HF was in the mid 1980's. Looking forward to being active again.
>
>
> Good luck and good DX :-)
>
> 73 de IZ8DWF
>

692. Re: FT-77

Yahoo group: FT-707
Date: 2009-05-03 21:30:10 UTC
From: Patricia Turpin
Topic: 688 Message: 692

Hi Bob,

I was hoping that the ft-77 & ft-707 were sort of interchangeable. Thanks for the information. During my last move, the external VFO fell as the movers were packing it onto the truck and was DOA when I tried it. I'll try to find another. Thanks also for the info on the mic.

Patricia AB4CT - Jackson, TN

--- In FT-707@yahoogroups.com, Bob Mantell <k4esa@...> wrote:
>
> I have a FT-77, use it with a FV-707DM VFO , FP-700 power supply/speaker and FC-707 tuner. It has the optional FM card installed, and the VFO rubber knob melted and fell off few years ago.
>
> The FT-77 did come out after the FT-707
>
> http://www.rigpix.com/yaesu/ft77.htm
>
> Look For a MH-1b8 or a MD-1b8 mic for direct plug in and to use the shift function on the FV-707DM when you get one, which I would recommend.
>
>
> 73 de Bob,
>
> K4ESA EM74qc
>
> Bob Mantell
> k4esa@...
>
>
> --- On Sun, 5/3/09, francesco messineo <francesco.messineo@...> wrote:
>
> From: francesco messineo <francesco.messineo@...>
> Subject: Re: [FT-707] Hello from a new member
> To: FT-707@yahoogroups.com
> Date: Sunday, May 3, 2009, 7:16 PM
>
>
>
>
>
>
>
>
> Hello,

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> On 5/1/09, Patricia Turpin <pjblack47@yahoo. com> wrote:
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> >
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> frequency, the FT-707 doesn't.
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> others).
>
> >
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> 73 de IZ8DWF
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> [Non-text portions of this message have been removed]
>

693. fm board

Yahoo group: FT-707
Date: 2009-05-05 19:39:56 UTC
From: Andy Hearn
Topic: 693 Message: 693

Hello group.

I have an FM board for an FT-707 that was made by G8FME, I have tried contacting him but no luck, Does anyone have the circuit for this as I have G3TSO's FT-707 with top band mods etc. that would be nice to add the FM facility.

73
Andy G3UEQ

[Non-text portions of this message have been removed]

694. FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-05-06 07:50:53 UTC
From: richardpenalurick
Topic: 694 Message: 694

Guys,

have down loaded a manual from the FT site and have found a couple of problems. Firstly, one page is blank-says that there is not enough data to display. Should I download again?
Also the diags with waveforms have the boxes, presumably showing the waveform as black.
Can I get this info elsewhere?
As previously advised I have a rig with ALC problems. So far I have found someone butchered the J2003 plug and added an extra wire to pin 2. This wire came from the NB switch. Was this a mod?
I haven't finished work on it yet but removed the wire and the output went from 10-20 watts to over 100 watts. Still have the adjustments to do, but believe I have made significant progress.
regards,
-Richard
VK2HW

695. Re: [FT-707] FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-05-06 16:12:49 UTC
From: charles knutson
Topic: 694 Message: 695

In regard to your FT 707 servicemanual.
If you need one I may be able to copy mine for you.
If I recall, I have the complete manual on CD also.
I own an FT 707 and have used it for 4 years.
It still works great with the exception of a little slight drift, due to its age.
My email address is N7UAG@YAHOO.COM ... Let me know-- Chuck-N7UAG

(Edited by moderator)

--- On Wed, 5/6/09, richardpenalurick <richardpenalurick@...> wrote:

From: richardpenalurick <richardpenalurick@...>
Subject: [FT-707] FT-707 SERVICE MANUAL
To: FT-707@yahoogroups.com
Date: Wednesday, May 6, 2009, 2:50 AM

Guys,

have down loaded a manual from the FT site and have found a couple of problems. Firstly, one page is blank-says that there is not enough data to display. Should I download again?
Also the diags with waveforms have the boxes, presumably showing the waveform as black.
Can I get this info elsewhere?
As previously advised I have a rig with ALC problems. So far I have found someone butchered the J2003 plug and added an extra wire to pin 2. This wire came from the NB switch. Was this a mod?
I haven't finished work on it yet but removed the wire and the output went from 10-20 watts to over 100 watts. Still have the adjustments to do, but believe I have made significant progress.
regards,
-Richard
VK2HW

696. Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-07 02:01:59 UTC
From: wohtex
Topic: 688 Message: 696

Hi Patricia, I also am a member of this group because I couldn't find a group for the FT-77. The part number of your VFO knob is R3085790A and if you just want the rubber ring it is R7085820B from Vertex Standard, 10900 Walker st. Cypress Ca. 90630 Tel 714-827-8100. I don't know if they still have them I ordered mine a couple years ago and seems to me it was less than $15.00 for both including mail cost. As far as the mic I got mine off ebay for about $25.00. Good luck with your getting back on the air.

73
Bill/N5CCQ

697. Re: fm board

Yahoo group: FT-707
Date: 2009-05-07 12:42:27 UTC
From: Andy Hearn
Topic: 693 Message: 697

--- In FT-707@yahoogroups.com, "Andy Hearn" <g3ueq@...> wrote:
>
> Hello group.
>
> I have an FM board for an FT-707 that was made by G8FME, I have tried
> contacting him but no luck, Does anyone have the circuit for this as I
> have G3TSO's FT-707 with top band mods etc. that would be nice to add
> the FM facility.
>
> 73
> Andy G3UEQ
>
Whoops..should have read G8MFE, apologies..
Andy

698. Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-07 19:01:43 UTC
From: Patricia Turpin
Topic: 688 Message: 698

Hi Bill,

Thanks for the tip about ordering from Vertex. I called today and they had a few rubber rings left, so I bought two. They were $2.13 each! I think I'm set for life. For anyone who has not seen an FT-77, the main VFO knob is about the same size as that on the FT-707, but has no numbers engraved on it. Instead, there is a nice, comfortable rubber ring that after about fifteen years, became very soft and finally fell apart. It doesn't affect the tuning, but it looks better withe ring.

If the weather hold up here in west Tennessee this weekend, I'll be on the air with a very S L O W code station somewhere low on 40 meters.

Thanks again for the help.

Patricia - AB4CT

--- In FT-707@yahoogroups.com, "wohtex" <wohtex@...> wrote:
>
> Hi Patricia, I also am a member of this group because I couldn't find a group for the FT-77. The part number of your VFO knob is R3085790A and if you just want the rubber ring it is R7085820B from Vertex Standard, 10900 Walker st. Cypress Ca. 90630 Tel 714-827-8100. I don't know if they still have them I ordered mine a couple years ago and seems to me it was less than $15.00 for both including mail cost. As far as the mic I got mine off ebay for about $25.00. Good luck with your getting back on the air.
>
> 73
> Bill/N5CCQ
>

699. Re: [FT-707] Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-07 19:13:30 UTC
From: Bob Mantell
Topic: 688 Message: 699

I sent the an email last night and today they said no parts for that radio were available.

I guess the email guy is just a lazy butt.

73 de Bob,

K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Thu, 5/7/09, Patricia Turpin <pjblack47@...> wrote:

From: Patricia Turpin <pjblack47@...>
Subject: [FT-707] Re: Hello from a new member
To: FT-707@yahoogroups.com
Date: Thursday, May 7, 2009, 7:01 PM

Hi Bill,

Thanks for the tip about ordering from Vertex. I called today and they had a few rubber rings left, so I bought two. They were $2.13 each! I think I'm set for life. For anyone who has not seen an FT-77, the main VFO knob is about the same size as that on the FT-707, but has no numbers engraved on it. Instead, there is a nice, comfortable rubber ring that after about fifteen years, became very soft and finally fell apart. It doesn't affect the tuning, but it looks better withe ring.

If the weather hold up here in west Tennessee this weekend, I'll be on the air with a very S L O W code station somewhere low on 40 meters.

Thanks again for the help.

Patricia - AB4CT

--- In FT-707@yahoogroups. com, "wohtex" <wohtex@...> wrote:
>
> Hi Patricia, I also am a member of this group because I couldn't find a group for the FT-77. The part number of your VFO knob is R3085790A and if you just want the rubber ring it is R7085820B from Vertex Standard, 10900 Walker st. Cypress Ca. 90630 Tel 714-827-8100. I don't know if they still have them I ordered mine a couple years ago and seems to me it was less than $15.00 for both including mail cost. As far as the mic I got mine off ebay for about $25.00. Good luck with your getting back on the air.
>
> 73
> Bill/N5CCQ
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

700. Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-08 02:48:54 UTC
From: wohtex
Topic: 688 Message: 700

Glad you were able to still get the replacement rubber ring, after I sent you the info I looked back thru my records and it was 2002 when I replaced mine not just a couple years ago, guess time flies when you'r having fun. I think you will find most of the accessories for the FT-707 will also work with the FT-77, I use a FC-707 tuner with mine and that was for the FT-707.. I have the FV-700DM VFO but the PLL circuit keeps unlocking on it so it only works for a couple minutes when you hook it up. My rig also has the AM unit in it, this is a hard to find accessory that is factory made, I have the box the AM unit came in and Yaesu's installation and tune up instructions. Have not seen another like it. They seem to be good well made rigs, I bought mine when I first got back into the hobby in 2002, then it became a back up rig when I got interested in the old Kenwood Hybrid rigs now I have three of those so the FT-77 sits on the shelf. Now I have a guy wanting me to put a price on the Yaesu so it may just find a new home.

Hope you have a good cw weekend with lots of DX.

73
Bill/N5CCQ

701. Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-08 13:30:37 UTC
From: Patricia Turpin
Topic: 688 Message: 701

Hi Bill,

I got my FT-77 from it's original owner - about 1987 or so. My sons and I used it for a few years. When my younger son went to college at Univ of Illinois, he took the FT-77 and left me with our older Drake TR4c. The 77 returned home four years later when he graduated and was making more $$$ than I (he bought a really nice HF rig). I left it in the shipping box for more than ten years, and have just recently unpacked it, along with the Drake. It was almost like Christmas. The Yaesu worked right out of the box, but the Drake has a power supply hum - probably a bad filter capacitor. When I get some time and extra $$$, I am going to rebuild the Drake AC-4 power supply with a replacement kit from a place called The Heathkit Shop.

Patricia

--- In FT-707@yahoogroups.com, "wohtex" <wohtex@...> wrote:
>
> Glad you were able to still get the replacement rubber ring, after I sent you the info I looked back thru my records and it was 2002 when I replaced mine not just a couple years ago, guess time flies when you'r having fun. I think you will find most of the accessories for the FT-707 will also work with the FT-77, I use a FC-707 tuner with mine and that was for the FT-707.. I have the FV-700DM VFO but the PLL circuit keeps unlocking on it so it only works for a couple minutes when you hook it up. My rig also has the AM unit in it, this is a hard to find accessory that is factory made, I have the box the AM unit came in and Yaesu's installation and tune up instructions. Have not seen another like it. They seem to be good well made rigs, I bought mine when I first got back into the hobby in 2002, then it became a back up rig when I got interested in the old Kenwood Hybrid rigs now I have three of those so the FT-77 sits on the shelf. Now I have a guy wanting me to put a price on the Yaesu so it may just find a new home.
>
> Hope you have a good cw weekend with lots of DX.
>
> 73
> Bill/N5CCQ
>

702. Re: Hello from a new member

Yahoo group: FT-707
Date: 2009-05-08 13:48:13 UTC
From: Patricia Turpin
Topic: 688 Message: 702

Hi Bob,

I think the VFO tuning knob might be used in other later models from Yaesu. It is the same size as that on the FT-707, but has a soft rubber ring that helps as you grip the knob.

After I had the FT-77 for 5 years (that would make it about 8 years old), my son told me that the rubber felt "funny" - softer than normal. Within a year or so it started to come apart and finally fell off. It really didn't affect the operation of the main tuning.

Now, if I can find the top cover for the FP-700 power supply. My son took it off to replace a fuse (years ago) and it laid around the desk for a long time. When I packed it up for a move years ago, I must have not included it. It still works; just ugly and a bit dangerous! Oh yes, I asked the parts lady at Vertex about the cover - no luck there.

I don't have the 25kc reference (Marker) option, but do have the FM board installed. WWV at 10.000 Mhz is spot on, so I know at least that band is still correct. It is still a pretty sharp HF radio for its age.

Thanks for the help.

Patricia AB4CT
Jackson, TN

First licensed in 1962
Extra since 1987

--- In FT-707@yahoogroups.com, Bob Mantell <k4esa@...> wrote:
>
> I sent the an email last night and today they said no parts for that radio were available.
>
> I guess the email guy is just a lazy butt.
>
>
> 73 de Bob,
>
> K4ESA EM74qc
>
> Bob Mantell
> k4esa@...
>

703. Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-05-11 23:49:49 UTC
From: hczerwick
Topic: 703 Message: 703

One of my Co Workers Father in Law went SK here a few months ago. Never met the man nor do I know what his call was. Mark (my co worker) came into work today and handed me a FT-707 Complete with the FV-707DM and a Hand Mic. There's a service manual and owners manual in the box also. Rumor has it that this radio came from a garage sale and was outdoors in the weather. Honestly it has that "drove hard and parked wet" look to it. Both of the manuals have serious water damage. Before I just go hook this up to a power supply and dummy load anyone have any advice on thinks I might check first?

Thanks for any input.

Hank AB2XG

704. No RF out except on 18.000

Yahoo group: FT-707
Date: 2009-05-28 16:35:05 UTC
From: scotttwee
Topic: 704 Message: 704

Hello,
I've recently had a hanging t/r relay and cleaned that up best as I can ... fixed that yet still the relay hangs a bit. Now I have an additional problem. I was transmitting and tuning ands now I have no RF out on 10m or the other bands. Flip over to 18.000 or so and it shows about 5-10 watts out.
Any idea what I should check?
73's Scott KC6ZNNC

705. FT-707 MODS?

Yahoo group: FT-707
Date: 2009-06-02 07:04:12 UTC
From: Richard Penalurick
Topic: 705 Message: 705

Hi,

I have a well worn 707 that has passed through several owners before I acquired it. It had some faults. I mentioned them previously. Chuck is sending me the service manual on cd.
I am hoping that the waveforms and cct board layouts are more readable than the file on the FT web site.
In the meantime I have found that there have been some mods done to the ALC circuitry.
Does anyone know of any mods effecting this area of the rig, or for that matter any mods at all that were done to the rig?
I am looking at removing the additional wires and returing the connections to that of the service manual.

regards,
-Richard
VK2HW

Need a Holiday? Win a $10,000 Holiday of your choice. Enter now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCBMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline

[Non-text portions of this message have been removed]

706. Re: [FT-707] FT-707 MODS?

Yahoo group: FT-707
Date: 2009-06-02 15:45:17 UTC
From: Kb3hg@aol.com
Topic: 705 Message: 706

Richard,
Check the files section for the group,then check Dkmods and the UK? hams may have links to the top band mod and possibly the FM mod.
Regards,
Tom Kb3hg

-----Original Message-----
From: Richard Penalurick <richardpenalurick@...>
To: FT-707@yahoogroups.com
Sent: Tue, 2 Jun 2009 3:04 am
Subject: [FT-707] FT-707 MODS?

Hi,

I have a well worn 707 that has passed through several owners before I acquired it.? It had some faults.? I mentioned them previously.? Chuck is sending me the service manual on cd.? I am hoping that the waveforms and cct board layouts?are more readable than the file on the FT web site.
In the meantime I have found that there have been some mods done to the ALC circuitry.? Does anyone know of any mods effecting this area of the rig, or for that matter any mods at all? that were done to the rig?
I am looking at removing the additional wires and returing the connections to that of the service manual.

regards,
-Richard
VK2HW

Need a Holiday? Win a $10,000 Holiday of your choice. Enter now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCBMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

707. Re: FT-707 MODS?

Yahoo group: FT-707
Date: 2009-06-02 18:41:24 UTC
From: va3pen
Topic: 705 Message: 707

Hi Richard,

How did you find the ALC circuit was modified? The ALC meter of my 707 does not work at all and I am suspecting the same thing?

- Ki

--- In FT-707@yahoogroups.com, Richard Penalurick <richardpenalurick@...> wrote:
>
> Hi,
>
> I have a well worn 707 that has passed through several owners before I acquired it. It had some faults. I mentioned them previously. Chuck is sending me the service manual on cd. I am hoping that the waveforms and cct board layouts are more readable than the file on the FT web site.
> In the meantime I have found that there have been some mods done to the ALC circuitry. Does anyone know of any mods effecting this area of the rig, or for that matter any mods at all that were done to the rig?
> I am looking at removing the additional wires and returing the connections to that of the service manual.
>
> regards,
> -Richard
> VK2HW
>
>
>
> Need a Holiday? Win a $10,000 Holiday of your choice. Enter now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCBMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline
>
> [Non-text portions of this message have been removed]
>

708. Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-04 14:17:56 UTC
From: kb3hg
Topic: 703 Message: 708

Hank,
open up the fv=707dm and check out the batteries you don't want them
leaking. clean the isnide out. let the FT-707 dry out as I suspect
you have. Power up on receive let idle for several hours, connect to
a dummy load or antenna and turn carrier down in CW mode advance power
slowly you could use MOX button instead of key.Try switching bands
when unkeyed, if the display (frequency) jumps all over either the
band switch is dirty or a crystal is not oscillating check all bands.
80 40 30 20 15 12 and 10 A B C D. If you have a modified radio 11
meters may show on the display. Hopefully not. A good cleaning maybe in order, contact
cleaner on the band switch and harness plugs. take
it one step at a time they are good rigs. I have two. One I bought new and the other an
Ebay buy.
73,
Tom kb3hg
--- In FT-707@yahoogroups.com, "hczerwick" <hczerwick@...> wrote:
>
>
>
> Hank AB2XG
>

709. Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-05 07:51:19 UTC
From: Mark Grewar
Topic: 703 Message: 709

Forgive me for my ignorance - please tell me, Does the FT 707 have internal batteries? I am going for my foundation licence and have one of these units - "not allowed to check its contents"

--- In FT-707@yahoogroups.com, "kb3hg" <Kb3hg@...> wrote:
>
> Hank,
> open up the fv=707dm and check out the batteries you don't want them
> leaking. clean the isnide out. let the FT-707 dry out as I suspect
> you have. Power up on receive let idle for several hours, connect to
> a dummy load or antenna and turn carrier down in CW mode advance power
> slowly you could use MOX button instead of key.Try switching bands
> when unkeyed, if the display (frequency) jumps all over either the
> band switch is dirty or a crystal is not oscillating check all bands.
> 80 40 30 20 15 12 and 10 A B C D. If you have a modified radio 11
> meters may show on the display. Hopefully not. A good cleaning maybe in order, contact cleaner on the band switch and harness plugs. take
> it one step at a time they are good rigs. I have two. One I bought new and the other an Ebay buy.
> 73,
> Tom kb3hg
> --- In FT-707@yahoogroups.com, "hczerwick" <hczerwick@> wrote:
> >
> >
> >
> > Hank AB2XG
> >
>

710. Re: [FT-707] Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-05 17:52:04 UTC
From: Clive Hollins
Topic: 703 Message: 710

No it doesn't Mark. It runs from a 'Standard' 13.8 Volt D.C. power supply
. It's a super little rig and capable of 100W + output and built using
standard wired in older style components rather than surface mount things
the size of a pin head. Consider yourself a lucky man to own one. I hope
you also got a manual for it. as you will need to know how to drive it
properly. If you have 'The Nack' I'm sure you will find a way of
inspecting the contents.
----- Original Message -----
From: "Mark Grewar" <mark_grewar@...>
To: <FT-707@yahoogroups.com>
Sent: Friday, June 05, 2009 8:51 AM
Subject: [FT-707] Re: Radio Left Outdoors?

> Forgive me for my ignorance - please tell me, Does the FT 707 have
> internal batteries? I am going for my foundation licence and have one of
> these units - "not allowed to check its contents"
>
>
>
>
> --- In FT-707@yahoogroups.com, "kb3hg" <Kb3hg@...> wrote:
>>
>> Hank,
>> open up the fv=707dm and check out the batteries you don't want them
>> leaking. clean the isnide out. let the FT-707 dry out as I suspect
>> you have. Power up on receive let idle for several hours, connect to
>> a dummy load or antenna and turn carrier down in CW mode advance power
>> slowly you could use MOX button instead of key.Try switching bands
>> when unkeyed, if the display (frequency) jumps all over either the
>> band switch is dirty or a crystal is not oscillating check all bands.
>> 80 40 30 20 15 12 and 10 A B C D. If you have a modified radio 11
>> meters may show on the display. Hopefully not. A good cleaning maybe in
>> order, contact cleaner on the band switch and harness plugs. take
>> it one step at a time they are good rigs. I have two. One I bought new
>> and the other an Ebay buy.
>> 73,
>> Tom kb3hg
>> --- In FT-707@yahoogroups.com, "hczerwick" <hczerwick@> wrote:
>> >
>> >
>> >
>> > Hank AB2XG
>> >
>>
>

>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

711. Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-05 17:24:59 UTC
From: Phillips, Dave (AZ15)
Topic: 703 Message: 711

Hank

I have often found that FT-707's that have been on the shelf for extended periods will develop oxidization on the contacts of connectors on each circuit board. I always carefully unplug each header, lightly wipe the pins with a Q-tip dampened with DeOxit, then replace the header. Be sure to get the small one that plugs into the back of the VFO.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

712. Re: [FT-707] Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-06 07:00:18 UTC
From: Mark Grewar
Topic: 703 Message: 712

Thanks Clive - I knew I was lucky as its a rare unit and "solid state" componentary - I will treasure it and a local electronics firm with a senior Ham operator is going to give it a good clean up (if it needs it) I look forward to using it.
I intend using it as a mobile hopefully - at least portable anyway using a good antenna on the car roof setup for 40/80 metres via a plug that can be swapped over.
Trying hard to see if it will mount in my tiny 1996 Suzuki Swift!!
Thanks again
Mark

--- On Sat, 6/6/09, Clive Hollins <m5chh@...> wrote:

From: Clive Hollins <m5chh@...>
Subject: Re: [FT-707] Re: Radio Left Outdoors?
To: FT-707@yahoogroups.com
Received: Saturday, 6 June, 2009, 3:52 AM

No it doesn't Mark. It runs from a 'Standard' 13.8 Volt D.C. power supply

. It's a super little rig and capable of 100W + output and built using

standard wired in older style components rather than surface mount things

the size of a pin head. Consider yourself a lucky man to own one. I hope

you also got a manual for it. as you will need to know how to drive it

properly. If you have 'The Nack' I'm sure you will find a way of

inspecting the contents.

----- Original Message -----

From: "Mark Grewar" <mark_grewar@ yahoo.com>

To: <FT-707@yahoogroups. com>

Sent: Friday, June 05, 2009 8:51 AM

Subject: [FT-707] Re: Radio Left Outdoors?

> Forgive me for my ignorance - please tell me, Does the FT 707 have

> internal batteries? I am going for my foundation licence and have one of

> these units - "not allowed to check its contents"

>

>

>

>

> --- In FT-707@yahoogroups. com, "kb3hg" <Kb3hg@...> wrote:

>>

>> Hank,

>> open up the fv=707dm and check out the batteries you don't want them

>> leaking. clean the isnide out. let the FT-707 dry out as I suspect

>> you have. Power up on receive let idle for several hours, connect to

>> a dummy load or antenna and turn carrier down in CW mode advance power

>> slowly you could use MOX button instead of key.Try switching bands

>> when unkeyed, if the display (frequency) jumps all over either the

>> band switch is dirty or a crystal is not oscillating check all bands.

>> 80 40 30 20 15 12 and 10 A B C D. If you have a modified radio 11

>> meters may show on the display. Hopefully not. A good cleaning maybe in

>> order, contact cleaner on the band switch and harness plugs. take

>> it one step at a time they are good rigs. I have two. One I bought new

>> and the other an Ebay buy.

>> 73,

>> Tom kb3hg

>> --- In FT-707@yahoogroups. com, "hczerwick" <hczerwick@> wrote:

>> >

>> >

>> >

>> > Hank AB2XG

>> >

>>

>

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>

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> ---------- --------- --------- ------

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> Yaesu-Musen Radios: Quality all around!

>

> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

713. Re: [FT-707] Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-06 01:15:12 UTC
From: Kb3hg@aol.com
Topic: 703 Message: 713

Mark,
The FV-707DM has a battery holder inside to retain memory for the digital Memory , Mine i bought used and it had leaked. and yes they are user replaceable? they are AA cells. no license required.
Tom
Kb3hg

-----Original Message-----
From: Mark Grewar <mark_grewar@...>
To: FT-707@yahoogroups.com
Sent: Fri, 5 Jun 2009 3:51 am
Subject: [FT-707] Re: Radio Left Outdoors?

Forgive me for my ignorance - please tell me, Does the FT 707 have internal batteries? I am going for my foundation licence and have one of these units - "not allowed to check its contents"

--- In FT-707@yahoogroups.com, "kb3hg" <Kb3hg@...> wrote:
>
> Hank,
> open up the fv=707dm and check out the batteries you don't want them
> leaking. clean the isnide out. let the FT-707 dry out as I suspect
> you have. Power up on receive let idle for several hours, connect to
> a dummy load or antenna and turn carrier down in CW mode advance power
> slowly you could use MOX button instead of key.Try switching bands
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> band switch is dirty or a crystal is not oscillating check all bands.
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> meters may show on the display. Hopefully not. A good cleaning maybe in order, contact cleaner on the band switch and harness plugs. take
> it one step at a time they are good rigs. I have two. One I bought new and the other an Ebay buy.
> 73,
> Tom kb3hg
> --- In FT-707@yahoogroups.com, "hczerwick" <hczerwick@> wrote:
> >
> >
> >
> > Hank AB2XG
> >
>

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

714. Re: [FT-707] Re: Radio Left Outdoors?

Yahoo group: FT-707
Date: 2009-06-06 00:05:42 UTC
From: Jeff Fein
Topic: 703 Message: 714

I bought on of these on Ebay a few months ago shortly after getting licenced in Australia. Used to be WA2GMO in New York now VK3GMO. Been off the air for 40 years so had not clue about the FT707. Great little rig, everything works on it. No complaints. Am building an Elecraft K2 and looking forward to comparing performance. Good luck with yours.

rgds
Jeff

--- On Sat, 6/6/09, Clive Hollins <m5chh@...> wrote:

From: Clive Hollins <m5chh@...>
Subject: Re: [FT-707] Re: Radio Left Outdoors?
To: FT-707@yahoogroups.com
Received: Saturday, 6 June, 2009, 3:52 AM

No it doesn't Mark. It runs from a 'Standard' 13.8 Volt D.C. power supply

. It's a super little rig and capable of 100W + output and built using

standard wired in older style components rather than surface mount things

the size of a pin head. Consider yourself a lucky man to own one. I hope

you also got a manual for it. as you will need to know how to drive it

properly. If you have 'The Nack' I'm sure you will find a way of

inspecting the contents.

----- Original Message -----

From: "Mark Grewar" <mark_grewar@ yahoo.com>

To: <FT-707@yahoogroups. com>

Sent: Friday, June 05, 2009 8:51 AM

Subject: [FT-707] Re: Radio Left Outdoors?

> Forgive me for my ignorance - please tell me, Does the FT 707 have

> internal batteries? I am going for my foundation licence and have one of

> these units - "not allowed to check its contents"

>

>

>

>

> --- In FT-707@yahoogroups. com, "kb3hg" <Kb3hg@...> wrote:

>>

>> Hank,

>> open up the fv=707dm and check out the batteries you don't want them

>> leaking. clean the isnide out. let the FT-707 dry out as I suspect

>> you have. Power up on receive let idle for several hours, connect to

>> a dummy load or antenna and turn carrier down in CW mode advance power

>> slowly you could use MOX button instead of key.Try switching bands

>> when unkeyed, if the display (frequency) jumps all over either the

>> band switch is dirty or a crystal is not oscillating check all bands.

>> 80 40 30 20 15 12 and 10 A B C D. If you have a modified radio 11

>> meters may show on the display. Hopefully not. A good cleaning maybe in

>> order, contact cleaner on the band switch and harness plugs. take

>> it one step at a time they are good rigs. I have two. One I bought new

>> and the other an Ebay buy.

>> 73,

>> Tom kb3hg

>> --- In FT-707@yahoogroups. com, "hczerwick" <hczerwick@> wrote:

>> >

>> >

>> >

>> > Hank AB2XG

>> >

>>

>

>

>

>

> ---------- --------- --------- ------

>

> Yaesu-Musen Radios: Quality all around!

>

> Yahoo! Groups Links

>

>

>

>

Need a Holiday? Win a $10,000 Holiday of your choice. Enter now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCBMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline

[Non-text portions of this message have been removed]

715. YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-07 06:40:09 UTC
From: Mark Grewar
Topic: 715 Message: 715

Hi all,

I need a new YM 35 microphone or a generic similar - had no luck on net with my technician wanting to repair the one I have.

Do I need this unit or will the YM 36 or YM 37 without switches on the top of the mic suffice?

Thanks again

Mark

716. Re: [FT-707] YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-07 10:07:23 UTC
From: Clive Hollins
Topic: 715 Message: 716

Hi again Mark. My 707 too is 'previously cherished'. It came with a bog standard Yaesu fist mic. All it says on the back is Dynamic 500 Ohms. It works like a charm, so I I am sure that provided the PTT and mic connections on the plug are correct, you can go right ahead and use any similar mic. As the rig has a mic gain control, any slight variation in mic output from manufacurers to manufacturer can be compensated for.

----- Original Message -----
From: "Mark Grewar" <mark_grewar@...>
To: <FT-707@yahoogroups.com>
Sent: Sunday, June 07, 2009 7:40 AM
Subject: [FT-707] YM 35 Microphone

> Hi all,
>
> I need a new YM 35 microphone or a generic similar - had no luck on net
> with my technician wanting to repair the one I have.
>
> Do I need this unit or will the YM 36 or YM 37 without switches on the top
> of the mic suffice?
>
> Thanks again
>
> Mark
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

717. Re:YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-09 06:31:28 UTC
From: Phillips, Dave (AZ15)
Topic: 715 Message: 717

Mark

You can use just about any quality microphone, not just Yaesu. I have used Kenwood MC-50, MC-60 mic's for years with excellent SSB audio reports. The UP/DOWN buttons on the top of the YM-34 are only useful with the FV-707 digital remote VFO, so if you are not using one, you don't need them.

Another Yaesu mic that works very well is the MH-1B8, which was common on late model FT-707's as well as FT-757, FT-102, etc;. They can be found plentiful on Ebay, the following link is one currently available from Great Britain.

http://cgi.ebay.com/Yaesu-MH-1B8-microphone_W0QQitemZ250437753831QQcmdZViewItemQQptZUK_ConsumerElectronics_SpecialistRadioEquipment_SM?hash=item3a4f40dbe7&_trksid=p3286.c0.m14&_trkparms=65%3A1%7C66%3A4%7C39%3A1%7C240%3A1318%7C301%3A0%7C293%3A1%7C294%3A200

Regards

Dave

KB7JS.

[Non-text portions of this message have been removed]

718. Re: [FT-707] Re:YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-09 15:17:04 UTC
From: Bob Mantell
Topic: 715 Message: 718

I am currently using a MC-50 on my FT-77 and getting super audio reports.

73 de Bob,

K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Tue, 6/9/09, Phillips, Dave (AZ15) <dave.l.phillips@...> wrote:

From: Phillips, Dave (AZ15) <dave.l.phillips@...>
Subject: [FT-707] Re:YM 35 Microphone
To: FT-707@yahoogroups.com
Date: Tuesday, June 9, 2009, 6:31 AM

Mark

You can use just about any quality microphone, not just Yaesu. I have used Kenwood MC-50, MC-60 mic's for years with excellent SSB audio reports. The UP/DOWN buttons on the top of the YM-34 are only useful with the FV-707 digital remote VFO, so if you are not using one, you don't need them.

Another Yaesu mic that works very well is the MH-1B8, which was common on late model FT-707's as well as FT-757, FT-102, etc;. They can be found plentiful on Ebay, the following link is one currently available from Great Britain.

http://cgi.ebay. com/Yaesu- MH-1B8-microphon e_W0QQitemZ25043 7753831QQcmdZV iewItemQQptZUK_ ConsumerElectron ics_SpecialistRa dioEquipment_ SM?hash=item 3a4f40dbe7&_ trksid=p3286. c0.m14&_trkparms =65%3A1%7C66% 3A4%7C39% 3A1%7C240 %3A1318%7C301% 3A0%7C293% 3A1%7C294% 3A200

Regards

Dave

KB7JS.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

719. Re: [FT-707] Re:YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-10 07:10:26 UTC
From: Mark Grewar
Topic: 715 Message: 719

Hi all,

Will the Kenwood 50 and 60 microphones plug straight into the Yaesu FT 707? (8 pin)

Thanks again,

Mark

--- On Wed, 10/6/09, Bob Mantell <k4esa@...> wrote:

From: Bob Mantell <k4esa@...>
Subject: Re: [FT-707] Re:YM 35 Microphone
To: FT-707@yahoogroups.com
Received: Wednesday, 10 June, 2009, 1:17 AM

I am currently using a MC-50 on my FT-77 and getting super audio reports.

73 de Bob,

K4ESA EM74qc

Bob Mantell

k4esa@yahoo. com

--- On Tue, 6/9/09, Phillips, Dave (AZ15) <dave.l.phillips@ honeywell. com> wrote:

From: Phillips, Dave (AZ15) <dave.l.phillips@ honeywell. com>

Subject: [FT-707] Re:YM 35 Microphone

To: FT-707@yahoogroups. com

Date: Tuesday, June 9, 2009, 6:31 AM

Mark

You can use just about any quality microphone, not just Yaesu. I have

used Kenwood MC-50, MC-60 mic's for years with excellent SSB audio

reports. The UP/DOWN buttons on the top of the YM-34 are only useful

with the FV-707 digital remote VFO, so if you are not using one, you

don't need them.

Another Yaesu mic that works very well is the MH-1B8, which was common

on late model FT-707's as well as FT-757, FT-102, etc;. They can be

found plentiful on Ebay, the following link is one currently available

from Great Britain.

http://cgi.ebay. com/Yaesu- MH-1B8-microphon e_W0QQitemZ25043 7753831QQcmdZV

iewItemQQptZUK_ ConsumerElectron ics_SpecialistRa dioEquipment_ SM?hash=item

3a4f40dbe7&_ trksid=p3286. c0.m14&_trkparms =65%3A1%7C66% 3A4%7C39% 3A1%7C240

%3A1318%7C301% 3A0%7C293% 3A1%7C294% 3A200

Regards

Dave

KB7JS.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

720. Re: [FT-707] Re:YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-10 14:37:31 UTC
From: francesco messineo
Topic: 715 Message: 720

Hello,

On 6/10/09, Mark Grewar <mark_grewar@...> wrote:

> Hi all,
>
> Will the Kenwood 50 and 60 microphones plug straight into the Yaesu FT 707? (8 pin)

usually kenwood and yeasu use different pinouts on their 8 pin
microphones, so it would more likely need the connector rewired
correctly.

73
Francesco IZ8DWF

721. Re: [FT-707] Re:YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-10 14:47:56 UTC
From: Bob Mantell
Topic: 715 Message: 721

No, I built an adapter to use the MC-50. I could have just changed the plug end, but I have other radios that the MC-50 standard plug worked with. MC-50 uses 4 wire plug, and you only need audio pair and PTT pair to operate the FT-77(and most other rigs I think?)

I plan on building an adapter for my MC-60 and MC-85 to the FT-77 that will use the scan on my VFO, but I just got a new TS-2000, so not a top priority right now.

I have a Yeasu desk mic, model YM-48 I think it is, that I am not using. I do not like how it sounds with my FT-77 and my voice, so I never use it. Kinda funny looking too. The best plug and play for the FT-77/707 is the MD-1 for a desk mic, but they tend to be pricey for a nice one.

73 de Bob,

 K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Wed, 6/10/09, Mark Grewar <mark_grewar@...> wrote:

From: Mark Grewar <mark_grewar@...>
Subject: Re: [FT-707] Re:YM 35 Microphone
To: FT-707@yahoogroups.com
Date: Wednesday, June 10, 2009, 7:10 AM

Hi all,

Will the Kenwood 50 and 60 microphones plug straight into the Yaesu FT 707? (8 pin)

Thanks again,

Mark

--- On Wed, 10/6/09, Bob Mantell <k4esa@yahoo. com> wrote:

From: Bob Mantell <k4esa@yahoo. com>
Subject: Re: [FT-707] Re:YM 35 Microphone
To: FT-707@yahoogroups. com
Received: Wednesday, 10 June, 2009, 1:17 AM

I am currently using a MC-50 on my FT-77 and getting super audio reports.

73 de Bob,

 K4ESA EM74qc

Bob Mantell

k4esa@yahoo. com

--- On Tue, 6/9/09, Phillips, Dave (AZ15) <dave.l.phillips@ honeywell. com> wrote:

From: Phillips, Dave (AZ15) <dave.l.phillips@ honeywell. com>

Subject: [FT-707] Re:YM 35 Microphone

To: FT-707@yahoogroups. com

Date: Tuesday, June 9, 2009, 6:31 AM

Mark

You can use just about any quality microphone, not just Yaesu. I have used Kenwood MC-50, MC-60 mic's for years with excellent SSB audio reports. The UP/DOWN buttons on the top of the YM-34 are only useful with the FV-707 digital remote VFO, so if you are not using one, you don't need them.

Another Yaesu mic that works very well is the MH-1B8, which was common on late model FT-707's as well as FT-757, FT-102, etc;. They can be found plentiful on Ebay, the following link is one currently available from Great Britain.

http://cgi.ebay. com/Yaesu- MH-1B8-microphon e_W0QQitemZ25043 7753831QQcmdZV iewItemQQptZUK_ ConsumerElectron ics_SpecialistRa dioEquipment_ SM?hash=item 3a4f40dbe7&_ trksid=p3286. c0.m14&_trkparms =65%3A1%7C66% 3A4%7C39% 3A1%7C240 %3A1318%7C301% 3A0%7C293% 3A1%7C294% 3A200

Regards

Dave

KB7JS.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

722. Re: YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-11 18:36:56 UTC
From: Phillips, Dave (AZ15)
Topic: 715 Message: 722

Mark

The MC-50/60 both come with an 8-pin connector, but you will have to re-wire the connector for the FT-707

You will find all the info you need to wire the plug for the FT-707 on this site.

http://www.qsl.net/g4wpw/date.html

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

723. Re: [FT-707] Re: YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-11 19:17:25 UTC
From: Bob Mantell
Topic: 715 Message: 723

Most MC-50 I have seen come with 4 pin plugs

73 de Bob,

 K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Thu, 6/11/09, Phillips, Dave (AZ15) <dave.l.phillips@...> wrote:

From: Phillips, Dave (AZ15) <dave.l.phillips@...>
Subject: [FT-707] Re: YM 35 Microphone
To: FT-707@yahoogroups.com
Date: Thursday, June 11, 2009, 6:36 PM

Mark

The MC-50/60 both come with an 8-pin connector, but you will have to
re-wire the connector for the FT-707

You will find all the info you need to wire the plug for the FT-707 on
this site.

http://www.qsl. net/g4wpw/ date.html

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

724. Re: [FT-707] Re: YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-11 22:50:53 UTC
From: Jeff Fein
Topic: 715 Message: 724

The wiring diagram for several different types of microphones is in the manual. If you would like it scanned and emailed let me know.

rgds
Jeff
VK3GMO

--- On Fri, 12/6/09, Phillips, Dave (AZ15) <dave.l.phillips@honeywell.com> wrote:

From: Phillips, Dave (AZ15) <dave.l.phillips@...m>
Subject: [FT-707] Re: YM 35 Microphone
To: FT-707@yahoogroups.com
Received: Friday, 12 June, 2009, 4:36 AM

Mark

The MC-50/60 both come with an 8-pin connector, but you will have to
re-wire the connector for the FT-707

You will find all the info you need to wire the plug for the FT-707 on
this site.

http://www.qsl. net/g4wpw/ date.html

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

Need a Holiday? Win a $10,000 Holiday of your choice. Enter now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCBMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline

[Non-text portions of this message have been removed]

725. Re: YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-12 18:16:36 UTC
From: Phillips, Dave (AZ15)
Topic: 715 Message: 725

Mark

Bob is right, my mistake. The Kenwood MC-50 is originally provided with a 4-Pin connector, so you will have to change it, or get/make an adapter, to use it on the FT-707. ,It's been years since I last did this and all of my Kenwood mic's have 8-pin connectors. I forgot, I put them there. The Kenwood microphones are well known for their quality audio, and I personally think they are better than Heil, especially when you can get them for good used prices. Another nice feature is that they are dual impedance and will work with any radio.

You can get a 4-pin to 8-pin Kenwood mic adapter at http://www.cheapham.com/w2ihy.html . However, you will still have to re-wire it for the FT-707. Unless you want to preserve the old 4-pin Kenwood plug, seems easier to just replace it with an 8-pin wired for Yaesu.

[Non-text portions of this message have been removed]

726. Re: [FT-707] Re: YM 35 Microphone

Yahoo group: FT-707
Date: 2009-06-12 21:35:11 UTC
From: Bob Mantell
Topic: 715 Message: 726

I agree with Dave, Kenwood mics are a great sounding choise at a good price.. And if you do not have any old four pin plug Kenwood rigs around, I would replace the old 4 pin with an 8 pin. Less stress on the radio plug that way, and one less connection to worry with.

I have two old rigs, so I made adapters for mine so I could use the MC-50 with the them still.

73 de Bob,

 K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Fri, 6/12/09, Phillips, Dave (AZ15) <dave.l.phillips@...> wrote:

From: Phillips, Dave (AZ15) <dave.l.phillips@...>
Subject: [FT-707] Re: YM 35 Microphone
To: FT-707@yahoogroups.com
Date: Friday, June 12, 2009, 6:16 PM

Mark

Bob is right, my mistake. The Kenwood MC-50 is originally provided with a 4-Pin connector, so you will have to change it, or get/make an adapter, to use it on the FT-707. ,It's been years since I last did this and all of my Kenwood mic's have 8-pin connectors. I forgot, I put them there. The Kenwood microphones are well known for their quality audio, and I personally think they are better than Heil, especially when you can get them for good used prices. Another nice feature is that they are dual impedance and will work with any radio.

You can get a 4-pin to 8-pin Kenwood mic adapter at http://www.cheapham .com/w2ihy. html . However, you will still have to re-wire it for the FT-707. Unless you want to preserve the old 4-pin Kenwood plug, seems easier to just replace it with an 8-pin wired for Yaesu.

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[Non-text portions of this message have been removed]

727. FTV-700 or FTV-707

Yahoo group: FT-707
Date: 2009-06-30 21:40:41 UTC
From: Patricia Turpin
Topic: 727 Message: 727

A question about Yaesu Transverters...

I know the FTV-700 and FTV-707 are interchangeable. Both have a slot on the rear for a single transverter 'FRAME'. I think they originally came with the 2-meter version. There is a 6-meter frame and also a 440 one. I suspect there are other Yaesu transverters that used the same frames. Anyone know for sure???

Patricia AB4CT

728. Re: FTV-700 or FTV-707

Yahoo group: FT-707
Date: 2009-07-02 19:47:54 UTC
From: gw4rwr
Topic: 727 Message: 728

HI Patricia,

The transverter modules, 'frames', that you mention are the only ones that were produced. Although I believe that the 6m unit was offered as a 4m unit after retuning by the importer in the U.K.

I used to own a couple of FTV-707s. Since you have to unscrew the module to change band, it's not particularly convenient. If you're keen to do this, then look out for the FTV-107 transverter, it has three slots. THere was also the FTV-901 model, I understand that was similar, though I haven't seen its schematic.

I've written a few other comments about them at my qsl.net site.

Regards,
Rhys

--- In FT-707@yahoogroups.com, "Patricia Turpin" <pjblack47@...> wrote:
>
> A question about Yaesu Transverters...
>
> I know the FTV-700 and FTV-707 are interchangeable. Both have a slot on the rear for a single transverter 'FRAME'. I think they originally came with the 2-meter version. There is a 6-meter frame and also a 440 one. I suspect there are other Yaesu transverters that used the same frames. Anyone know for sure???
>
> Patricia AB4CT
>

729. FT707 recovered from the dead

Yahoo group: FT-707
Date: 2009-07-03 06:46:12 UTC
From: John McKinnon
Topic: 729 Message: 729

Hi All,
Just became new member of this group.
I recently was given a Sommerkamp FT767DX. This is a badged 707.
It had been converted to CB (Yuk). An FM board had been in there.
I got it without FM board but with lots of wires hanging off and pretty sick looking.
However, I decided to put all the wiring back to what the drawings shown. Replaced the crystals on the AF board for the correct ones.
What I have now is a great radio.
Works well on all the bnds. No FM but I aint too worried about that.
A small intermittent Tx fault, but persistence will crack it.
To sum up, the drawings may be a bit difficult to read, but they are reasonaly accurate. I am referring to the ones available online.

Regards John G8JIT

730. ft707 back from the dead

Yahoo group: FT-707
Date: 2009-07-04 20:33:37 UTC
From: ter753
Topic: 730 Message: 730

Well done!!,its great to see old rigs being restored instead of being junked.The best of luck to you with the rig.Best 73s, terry,EI3IZ.

731. Re: ft707 back from the dead

Yahoo group: FT-707
Date: 2009-07-05 06:17:03 UTC
From: Mark Grewar
Topic: 730 Message: 731

--- In FT-707@yahoogroups.com, "ter753" <ter753@...> wrote:
>
> Well done!!,its great to see old rigs being restored instead of being junked.The best of luck to you with the rig.Best 73s, terry,EI3IZ.
>
My FT 707 is getting totally "done up", cleaned, setup for a recond WW2 bomber morse key for CW, tuned, seup as mobile for small car unit etc etc - I love HF DX ansd as soon as I get my Foundation licence (after 31 years delay) I will be gald to try CW on DX and DX voice too! on mobile!!
Regards
Mark

732. RE: [FT-707] FT707 recovered from the dead

Yahoo group: FT-707
Date: 2009-07-05 15:59:25 UTC
From: Andy Hearn
Topic: 729 Message: 732

Hi All,
Just became new member of this group.
I recently was given a Sommerkamp FT767DX. This is a badged 707.
It had been converted to CB (Yuk). An FM board had been in there.
I got it without FM board but with lots of wires hanging off and pretty sick looking.
However, I decided to put all the wiring back to what the drawings shown.
Replaced the crystals on the AF board for the correct ones.
What I have now is a great radio.
Works well on all the bnds. No FM but I aint too worried about that.
A small intermittent Tx fault, but persistence will crack it.
To sum up, the drawings may be a bit difficult to read, but they are reasonaly accurate. I am referring to the ones available online.

Regards John G8JIT

Well done John

I had a similar exercise about 8 years ago, got given an FT-707 in a carrier bag that had been completely chopped up by a cber's wife, she was fed up with him being on 24/7!

Luckily I managed to get the factory loom wiring diagrams and made new looms and replaced all the IF transformers etc. she had put a screwdriver in, it's still working well. Wish I was still just as enthusiastic ha ha.

Regards Andy G3UEQ

[Non-text portions of this message have been removed]

733. Re: FT707 recovered from the dead

Yahoo group: FT-707
Date: 2009-07-05 16:24:06 UTC
From: John McKinnon
Topic: 729 Message: 733

--- In FT-707@yahoogroups.com, "Andy Hearn" <g3ueq@...> wrote:
>
> Hi
Although it is working well, I still want to completely remake all the looms myself and replace the RF board if I can get my hands on one.
Now I have brought another radio (Kenwood 440S0 to life, I can start to go ahead with the project.
The thing was badly butchered.
But I have the urge to go all the way now that I have tried it out on all the bands, and became very impressed with performance.
A complete rebuild will, a: give me the assurance of the integrity of the radio. b: give me some enjoyment in carrying it out.
Watch this space.

>
>
>
>
>
> Hi All,
> Just became new member of this group.
> I recently was given a Sommerkamp FT767DX. This is a badged 707.
> It had been converted to CB (Yuk). An FM board had been in there.
> I got it without FM board but with lots of wires hanging off and pretty sick
> looking.
> However, I decided to put all the wiring back to what the drawings shown.
> Replaced the crystals on the AF board for the correct ones.
> What I have now is a great radio.
> Works well on all the bnds. No FM but I aint too worried about that.
> A small intermittent Tx fault, but persistence will crack it.
> To sum up, the drawings may be a bit difficult to read, but they are
> reasonaly accurate. I am referring to the ones available online.
>
> Regards John G8JIT
>
> Well done John
>
> I had a similar exercise about 8 years ago, got given an FT-707 in a carrier
> bag that had been completely chopped up by a cber's wife, she was fed up
> with him being on 24/7!
>
> Luckily I managed to get the factory loom wiring diagrams and made new looms
> and replaced all the IF transformers etc. she had put a screwdriver in, it's
> still working well. Wish I was still just as enthusiastic ha ha.
>

> Regards Andy G3UEQ
>
>
>
> [Non-text portions of this message have been removed]
>

734. RE: [FT-707] FT707 recovered from the dead

Yahoo group: FT-707
Date: 2009-07-05 16:09:49 UTC
From: Andy Hearn
Topic: 729 Message: 734

Well done John

I had a similar exercise about 8 years ago, got given an FT-707 in a carrier bag that had been completely chopped up by a cber's wife, she was fed up with him being on 24/7!

Luckily I managed to get the factory loom wiring diagrams and made new looms and replaced all the IF transformers etc. she had put a screwdriver in, it's still working well. Wish I was still just as enthusiastic ha ha.

Regards Andy G3UEQ

Apologies to moderator, for some reason text went missing from my earlier reply.

Ok, I didn't seen it.
Its ok.
Your moderator.

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of John McKinnon
Sent: 03 July 2009 7:46 AM
To: FT-707@yahoogroups.com
Subject: [FT-707] FT707 recovered from the dead

Hi All,
Just became new member of this group.
I recently was given a Sommerkamp FT767DX. This is a badged 707.
It had been converted to CB (Yuk). An FM board had been in there.
I got it without FM board but with lots of wires hanging off and pretty sick looking.
However, I decided to put all the wiring back to what the drawings shown.
Replaced the crystals on the AF board for the correct ones.
What I have now is a great radio.
Works well on all the bnds. No FM but I aint too worried about that.
A small intermittent Tx fault, but persistence will crack it.
To sum up, the drawings may be a bit difficult to read, but they are reasonaly accurate. I am referring to the ones available online.

Regards John G8JIT

[Non-text portions of this message have been removed]

735. RE: [FT-707] Re: FT707 recovered from the dead

Yahoo group: FT-707
Date: 2009-07-05 22:42:50 UTC
From: Andy Hearn
Topic: 729 Message: 735

Hi
Although it is working well, I still want to completely remake all the looms myself and replace the RF board if I can get my hands on one.
Now I have brought another radio (Kenwood 440S0 to life, I can start to go ahead with the project.
The thing was badly butchered.
But I have the urge to go all the way now that I have tried it out on all the bands, and became very impressed with performance.
A complete rebuild will, a: give me the assurance of the integrity of the radio. b: give me some enjoyment in carrying it out.
Watch this space.

John

If it helps I will try and find my loom drawings and send you copies

Andy G3UEQ

[Non-text portions of this message have been removed]

736. FT 707 noise levels

Yahoo group: FT-707
Date: 2009-07-07 02:16:47 UTC
From: Jeff Fein
Topic: 736 Message: 736

I have gotten back into amateur radio recently after a break of 40 years. Picked up an FT 707 on ebay to do so. I find the background noise level on it very high. Having read many reviews of this radio that doesn't sound like a normal experience.

Just wondering if any members have had a similar issue and if there is a known way to improve the situation.

thanks
Jeff
VK3GMO

Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

737. Re:FT 707 noise levels

Yahoo group: FT-707
Date: 2009-07-07 21:17:09 UTC
From: Phillips, Dave (AZ15)
Topic: 736 Message: 737

Jeff

The FT-707 is a normally a very quiet receiver.

You should first make sure that the noise is not being generated locally via RF or AC Power line noise. You did not say what you were using for a Power Supply for the FT-707, so I would recommend that you check there first. The FT-707 is designed to use a Yaesu linear power supply, and if you have connected the radio to a more modern switching mode supply, that could be the source of the noise. If so, simply install filtering on the DC line to the radio. However, if you are using a linear supply, you should check it's input for noise using a scope.

You can also isolate the receiver input using a dummy load to determine if the noise is local RF noise. You might try relocating the receiver to another location to be sure.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

738. FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 07:19:46 UTC
From: richardpenalurick
Topic: 694 Message: 738

Guys,

I have downloaded the service manual from the FT website but the quality of the printed circuit overlays and copper patterns along with waveforms are very poorly reproduced. I had been promised a cd with a scanned file, but unfortunately contact has been lost with sender (he was going on holidays, so may have not been able to post).

Anyway, can anyone help with better service info?

regards,
-Richard
VK2HW

739. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 08:46:55 UTC
From: Mark Grewar
Topic: 694 Message: 739

I have a web downloaded FT 707 service manual - maybe is different or better? not sure...

My email is mark_grewar@...

if I can help?--- In FT-707@yahoogroups.com, "richardpenalurick" <richardpenalurick@...> wrote:
>
> Guys,
>
> I have downloaded the service manual from the FT website but the quality of the printed circuit overlays and copper patterns along with waveforms are very poorly reproduced. I had been promised a cd with a scanned file, but unfortunately contact has been lost with sender (he was going on holidays, so may have not been able to post).
>
> Anyway, can anyone help with better service info?
>
> regards,
> -Richard
> VK2HW
>

740. Re: [FT-707] FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 09:29:36 UTC
From: Jeff Fein
Topic: 694 Message: 740

Attached. Hope it is better. I have the 128 page service manual at work so if this is not good enough let me know and I will see if I can send you that.

cheers
Jeff
VK3GMO

--- On Wed, 15/7/09, richardpenalurick <richardpenalurick@...> wrote:

From: richardpenalurick <richardpenalurick@yahoo.com>
Subject: [FT-707] FT-707 SERVICE MANUAL
To: FT-707@yahoogroups.com
Received: Wednesday, 15 July, 2009, 5:19 PM

Guys,

I have downloaded the service manual from the FT website but the quality of the printed circuit overlays and copper patterns along with waveforms are very poorly reproduced. I had been promised a cd with a scanned file, but unfortunately contact has been lost with sender (he was going on holidays, so may have not been able to post).

Anyway, can anyone help with better service info?

regards,

-Richard

VK2HW

_____
Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

741. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 08:46:16 UTC
From: Greg W:-)
Topic: 694 Message: 741

Hi Richard

I am after the very same thing.

Regards

gregW:-) OH2FFY (ex VK6)

==========

--- In FT-707@yahoogroups.com, "richardpenalurick" <richardpenalurick@...> wrote:
>
> Guys,
>
> I have downloaded the service manual from the FT website but the quality of the printed circuit overlays and copper patterns along with waveforms are very poorly reproduced. I had been promised a cd with a scanned file, but unfortunately contact has been lost with sender (he was going on holidays, so may have not been able to post).
>
> Anyway, can anyone help with better service info?
>
> regards,
> -Richard
> VK2HW
>

742. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 09:52:11 UTC
From: Greg W:-)
Topic: 694 Message: 742

Hi Jeff.

I think the group strips attachments.
Any uploads had best go in the files section so everyone can get at them.

Regards

gregW:-) OH2FFY (ex VK6)

==========

--- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@...> wrote:
>
> Attached. Hope it is better. I have the 128 page service manual at work so if this is not good enough let me know and I will see if I can send you that.
>
> cheers
> Jeff
> VK3GMO

743. Re: [FT-707] Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 10:13:15 UTC
From: jim
Topic: 694 Message: 743

Yes, the group strips.
But I'm not the owner, and I can't set it right.
Only the owner of the group can do that.
I'm just moderator. :)

If the owner reads this, make me coowner, so I can delete the japanese
spammers from the list too.

2009/7/15 Greg W:-) <onegammyleg@...>

> Hi Jeff.
>
> I think the group strips attachments.
> Any uploads had best go in the files section so everyone can get at them.
>
> Regards
>
> gregW:-) OH2FFY (ex VK6)
>
> ==========
>
> --- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@...> wrote:
> >
> > Attached. Hope it is better. I have the 128 page service manual at work
> so if this is not good enough let me know and I will see if I can send you
> that.
> >
> > cheers
> > Jeff
> > VK3GMO
>
>
>
> ----------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

--
73 Jim .--. . .---- .-. . .- PE1REA
Email, put amsat dot org behind the call

Mail from: yahoo, hotmail, aol and msn goes unread /dev/null
This message is NOT scanned by any Anti Virus software :-)

[Non-text portions of this message have been removed]

744. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 10:23:23 UTC
From: Greg W:-)
Topic: 694 Message: 744

Hi all.

I have now found that I have a copy of the service manual.

It is 27Mb in size so it cant fit into the groups files section.

If anyone would like the file PLZ email me directly and use an email box that will accept an incoming file of that size.

You can email me though the groups send message system or you can find my email address on QRZ.COM.

Don't post your email address in the normal post message area , or you will be spammed.

Regards

gregW:-) OH2FFY

Mayby you can put it on rapideshare or somthing?

Jim, your moderator

745. Re: [FT-707] Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-15 22:43:30 UTC
From: Jeff Fein
Topic: 694 Message: 745

Thanks Greg, Haven't done that before so will endeavour to work out how to do so. Will try to post both User and Service manuals.

cheers
Jeff

--- On Wed, 15/7/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@...>
Subject: [FT-707] Re: FT-707 SERVICE MANUAL
To: FT-707@yahoogroups.com
Received: Wednesday, 15 July, 2009, 7:52 PM

Hi Jeff.

I think the group strips attachments.
Any uploads had best go in the files section so everyone can get at them.

Regards

gregW:-) OH2FFY (ex VK6)

========== ========= ========= ========= ========= ========= ========= =====

--- In FT-707@yahoogroups. com, Jeff Fein <jfein2000@. ..> wrote:
>
> Attached. Hope it is better. I have the 128 page service manual at work so if this is not good enough let me know and I will see if I can send you that.
>
> cheers
> Jeff
> VK3GMO

_____
Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

746. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-16 06:48:31 UTC
From: Greg W:-)
Topic: 694 Message: 746

Hi Jeff

The groups file size limit is 5MB per file.

This is probably OK for the user manual , but for the Service manual this size limit is a problem.

There is two ways around it.
You can either remake the pdf at a low quality and get it down to 5MB , but that will drop the resolution of the pdf, which isn't desirable.

The only other way is to split the pdf up into smaller separate files.
You will likely end up with 6 or 7 files just for the service manual alone.

I have split the file into 4 parts here which makes it good for emailing (I have already sent 3 copies to group members) , but it still is too big for the files section.

Regards

gregW:-) OH2FFY
http://www.youtube.com/oh2ffy

==========

--- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@...> wrote:
>
> Thanks Greg, Haven't done that before so will endeavour to work out how to do so. Will try to post both User and Service manuals.
>
> cheers
> Jeff

747. Re: [FT-707] Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-16 22:57:28 UTC
From: Jeff Fein
Topic: 694 Message: 747

Well done. Cutting it down to size is the way to go. I only have adobe reader so couldn't do that. I have also cut it to CD for Rick and will post it to him. Glad it is getting into circulation. It took a bit of searching to find it.

cheers
Jeff

--- On Thu, 16/7/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@...>
Subject: [FT-707] Re: FT-707 SERVICE MANUAL
To: FT-707@yahoogroups.com
Received: Thursday, 16 July, 2009, 4:48 PM

Hi Jeff

The groups file size limit is 5MB per file.

This is probably OK for the user manual , but for the Service manual this size limit is a problem.

There is two ways around it.
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Regards

gregW:-) OH2FFY
http://www.youtube. com/oh2ffy

========== ========= ========= ========= ========= ========= ========= ===

--- In FT-707@yahoogroups. com, Jeff Fein <jfein2000@. ..> wrote:
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> Thanks Greg, Haven't done that before so will endeavour to work out how to do so. Will try to post both User and Service manuals.
>
> cheers
> Jeff

_____
Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.

Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

748. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-17 01:42:56 UTC
From: zl2iw
Topic: 694 Message: 748

Hi,
Thanks for making the manual available. Wouldn't mind a copy myself if thats ok.
Have a 707 that exhibits distortion on transmit. Was modified prior to me having it to pirate a certain band near 11metres. The crystals have been restored to original, but seems there is another problem. A service manual would be great thanks :)

In an associated idea.. would it be any use if i set up a web repository for this type of info? Don't want to show delusions of grandeur, but think i can set up my web page to host and share files and documents. Will talk to a few IT guys at work and see if i can set up a simple page or maybe ftp directory that can hold some of this type of material. Perhaps an idea would be if you want to email me the data then i can upload it for general use? Any thoughts or ideas on the viability of this gratefully received.
All the best
Rob ZL2IW

In FT-707@yahoogroups.com, "Greg W:-)" <onegammyleg@...> wrote:
>
> Hi Jeff
>
> The groups file size limit is 5MB per file.
>
> This is probably OK for the user manual , but for the Service manual this size limit is a problem.
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>
> Regards
>
> gregW:-) OH2FFY
> http://www.youtube.com/oh2ffy
>
> ==========
>
>
> --- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@> wrote:
> >

> > Thanks Greg, Haven't done that before so will endeavour to work out how to do so. Will try to post both User and Service manuals.
> >
> > cheers
> > Jeff
>

749. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-17 03:28:35 UTC
From: zl2iw
Topic: 694 Message: 749

Hello,
Thanks for the discussion re the manual.
I have a need for a manual also as my old ft707 is distorted on transmit. Had been modified by previous owner for 11 metres... why do people even bother doing that? grrr. Original crystals back in, but yukky audio on transmit.

Am looking at setting up a web page for FT707 related files. Have some input from the tech guys at work so i think i can turn the web hosting i have in to a useable archive. Sorry to have delusions of grandeur, but if the members think it would be useful i am happy to have a go. Suggested format would be to get the info to me and i can then upload it. Don't want to duplicate what we chat about here, but thought a repository for useful files could be good.
All the best
Rob ZL2IW

--- In FT-707@yahoogroups.com, "Greg W:-)" <onegammyleg@...> wrote:
>
> Hi Jeff
>
> The groups file size limit is 5MB per file.
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>
> Regards
>
> gregW:-) OH2FFY
> http://www.youtube.com/oh2ffy
>
> ==========
>
>
> --- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@> wrote:
> >
> > Thanks Greg, Haven't done that before so will endeavour to work out how to do so.

Will try to post both User and Service manuals.
> >
> > cheers
> > Jeff
>

750. Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-17 12:47:56 UTC
From: zl2iw
Topic: 694 Message: 750

Hi Thanks for the copy of the manual. Really appreciate the help :)

Sorry about posting twice earlier on... i replied via email and also from here as i thought the first one had not worked... oops

Having a play with the web page idea. Will let you know how it goes.
All the best
Rob

--- In FT-707@yahoogroups.com, "zl2iw" <rob.c@...> wrote:
>
>
>
> Hello,
> Thanks for the discussion re the manual.
> I have a need for a manual also as my old ft707 is distorted on transmit. Had been modified by previous owner for 11 metres... why do people even bother doing that? grrr. Original crystals back in, but yukky audio on transmit.
>
> Am looking at setting up a web page for FT707 related files. Have some input from the tech guys at work so i think i can turn the web hosting i have in to a useable archive. Sorry to have delusions of grandeur, but if the members think it would be useful i am happy to have a go. Suggested format would be to get the info to me and i can then upload it. Don't want to duplicate what we chat about here, but thought a repository for useful files could be good.
> All the best
> Rob ZL2IW
>
> --- In FT-707@yahoogroups.com, "Greg W:-)" <onegammyleg@> wrote:
> >
> > Hi Jeff
> >
> > The groups file size limit is 5MB per file.
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> > This is probably OK for the user manual , but for the Service manual this size limit is a problem.
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> > Regards
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> > gregW:-) OH2FFY
> > http://www.youtube.com/oh2ffy
> >
> > ==========
> >
> >
> > --- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@> wrote:
> > >
> > > Thanks Greg, Haven't done that before so will endeavour to work out how to do so. Will try to post both User and Service manuals.
> > >
> > > cheers
> > > Jeff
> >
>

751. Re: [FT-707] Re: FT-707 SERVICE MANUAL

Yahoo group: FT-707
Date: 2009-07-17 23:29:27 UTC
From: Jeff Fein
Topic: 694 Message: 751

Rob,

Happy to email if to you if you have an ISP that allows greater than 15 mb through.

cheers
Jeff

--- On Fri, 17/7/09, zl2iw <rob.c@slingshot.co.nz> wrote:

From: zl2iw <rob.c@...>
Subject: [FT-707] Re: FT-707 SERVICE MANUAL
To: FT-707@yahoogroups.com
Received: Friday, 17 July, 2009, 11:42 AM

Hi,
Thanks for making the manual available. Wouldn't mind a copy myself if thats ok.
Have a 707 that exhibits distortion on transmit. Was modified prior to me having it to pirate a certain band near 11metres. The crystals have been restored to original, but seems there is another problem. A service manual would be great thanks :)

In an associated idea.. would it be any use if i set up a web repository for this type of info? Don't want to show delusions of grandeur, but think i can set up my web page to host and share files and documents. Will talk to a few IT guys at work and see if i can set up a simple page or maybe ftp directory that can hold some of this type of material. Perhaps an idea would be if you want to email me the data then i can upload it for general use? Any thoughts or ideas on the viability of this gratefully received.
All the best
Rob ZL2IW

In FT-707@yahoogroups. com, "Greg W:-)" <onegammyleg@ ...> wrote:
>
> Hi Jeff
>
> The groups file size limit is 5MB per file.
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sent 3 copies to group members) , but it still is too big for the files section.
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> Regards
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> gregW:-) OH2FFY
> http://www.youtube. com/oh2ffy
>
> ========== ========= ========= ========= ========= ========= ========= ===
>
>
> --- In FT-707@yahoogroups. com, Jeff Fein <jfein2000@> wrote:
> >
> > Thanks Greg, Haven't done that before so will endeavour to work out how to do so.
Will try to post both User and Service manuals.
> >
> > cheers
> > Jeff
>

_____
Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

752. FT 707 aging issues

Yahoo group: FT-707
Date: 2009-07-23 04:18:44 UTC
From: Jeff Fein
Topic: 752 Message: 752

Just had a chat with the service manager from Vertex re: the noise issue on my FT-707. He tells me as the Noise Blanker goes into self oscillation and generates internal noise. Has anyone come across a documented fix for this.

Also the sticky relay issue, tx/receive is due to an FET which induces a delay as its value changes with age and it overheats. The short solution is don't do a lot of break in operation so it has time to cool. The FET is no longer manufactured so he told me point in seeking to have it serviced by Vertex. So....any fix to this would hve to be a more complex mod. Again...any advice would be much appreciated.

If I can solve these age issues, I am sure it will be a great radio!

cheers
Jeff
VK3GMO

Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

753. Re: FT 707 aging issues

Yahoo group: FT-707
Date: 2009-07-23 08:38:32 UTC
From: Greg W:-)
Topic: 752 Message: 753

Hi Jeff

¨Just had a chat with the service manager from Vertex¨

Huh , they talk to you.?????
Last dealing I had with Yaesu Vertex parts in the USA was in an attempt to buy a LCD display for a FRG100 that they had in stock.

After 2 months of no replies, lost emails, the cat ate it type of excuses I still hadn't got a reply to my order.

In the end the customer backed out of the repair and I looked like a incompetent dick-hed that couldn't even buy a spare part.

Yaesu Vertex, ,,make great radios but suck at everything else.

¨He tells me as the Noise Blanker goes into self oscillation and generates internal noise¨

Hihi - Isn't that the ultimate stab in the back ..a noise blanker that when it goes bad it makes noise.

¨is due to an FET which induces a delay as its value changes with age and it overheats¨

I haven't heard of that in a 707 , but FETs of all sorts can have some unusual failure modes.
So I cant debunk that theory.

Personally even ifs true that a part failed after 30+ years of use I wouldn't go into any huge redesign efforts.

If a compatible part is fitted , then it will likely last the life of the rest of the radio.

¨FT 707 aging issues¨

The usual suspects are capacitors and switches of all sorts , including relays.
Most other electronic parts usually hold up well.

Regards

gregW:-) OH2FFY (ex VK6)

==========

--- In FT-707@yahoogroups.com, Jeff Fein <jfein2000@...> wrote:
>
>
> Just had a chat with the service manager from Vertex re: the noise issue on my FT-707. He tells me as the Noise Blanker goes into self oscillation and generates internal noise. Has

anyone come across a documented fix for this.
>
> Also the sticky relay issue, tx/receive is due to an FET which induces a delay as its value changes with age and it overheats. The short solution is don't do a lot of break in operation so it has time to cool. The FET is no longer manufactured so he told me point in seeking to have it serviced by Vertex. So....any fix to this would hve to be a more complex mod. Again...any advice would be much appreciated.
>
> If I can solve these age issues, I am sure it will be a great radio!
>
> cheers
> Jeff
> VK3GMO

754. Re: [FT-707] Re: FT 707 aging issues

Yahoo group: FT-707
Date: 2009-07-23 10:09:32 UTC
From: Eric Grabowski
Topic: 752 Message: 754

I've never had a problem with Yaesu/Vertex service either.
They answered my emails within 24 hours and provided good advice.

On the matter of components going bad, I would like to offer the following comments based on several decades of experience.

Carbon resistors tend to increase in value over the years. After several years, this can change the bias voltages on transistors thus resulting in stages operating out of spec which results in decreased performance.

Dipped tantalum capacitors tend to show tiny crack marks before they blow. When they blow, they actually explode leaving a cloud of white dust and short leads where they were soldered into the circuit.

Many of the surface mount capacitors found in radios made from about 1990 to 2000 had a manufacturing defect that causes them to fail prematurely. I have found this to be the cause of several microphone problems in handheld Icom and Kenwood mobile microphones as well as commercial 2-way radios.

Electrolytic capacitors tend to go open (rather than short) thus failing to provide the proper bypassing action in amplifier stages and power supply filter circuits. An easy test is to bridge a known good capacitor across the suspected bad one and look for an improvement in performance.

Small signal diodes as well as rectifier diodes can fail. Some fail open; some fail shorted. These are easy to test by lifting one lead and measuring the resistance, then reversing the probes and measuring the resistance again. One reading will be much lower than the other when the diode is good.

When repairing any circuit, examine all of the parts closely for obvious defects and feel components to learn if any are running hot. You might be surprised to know how many times these simple troubleshooting techniques have led to a quick repair.

73 and aloha, Eric KH6CQ

--- On Wed, 7/22/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@...>
Subject: [FT-707] Re: FT 707 aging issues
To: FT-707@yahoogroups.com
Date: Wednesday, July 22, 2009, 10:38 PM

Hi Jeff

¨Just had a chat with the service manager from Vertex¨

Huh , they talk to you.?????

Last dealing I had with Yaesu Vertex parts in the USA was in an attempt to buy a LCD display for a FRG100 that they had in stock.

After 2 months of no replies, lost emails, the cat ate it type of excuses I still hadn't got a reply to my order.

In the end the customer backed out of the repair and I looked like a incompetent dick-hed that couldn't even buy a spare part.

Yaesu Vertex, ,,make great radios but suck at everything else.

¨He tells me as the Noise Blanker goes into self oscillation and generates internal noise¨

Hihi - Isn't that the ultimate stab in the back ..a noise blanker that when it goes bad it makes noise.

¨is due to an FET which induces a delay as its value changes with age and it overheats¨

I haven't heard of that in a 707 , but FETs of all sorts can have some unusual failure modes.

So I cant debunk that theory.

Personally even ifs true that a part failed after 30+ years of use I wouldn't go into any huge redesign efforts.

If a compatible part is fitted , then it will likely last the life of the rest of the radio.

¨FT 707 aging issues¨

The usual suspects are capacitors and switches of all sorts , including relays.

Most other electronic parts usually hold up well.

Regards

gregW:-) OH2FFY (ex VK6)

========== ========= ========= ========= ========= ========= ========= ====

--- In FT-707@yahoogroups. com, Jeff Fein <jfein2000@. ..> wrote:

>

>

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>

> Also the sticky relay issue, tx/receive is due to an FET which induces a delay as its value changes with age and it overheats. The short solution is don't do a lot of break in operation so it has time to cool. The FET is no longer manufactured so he told me point in

seeking to have it serviced by Vertex. So....any fix to this would hve to be a more complex mod. Again...any advice would be much appreciated.

>

> If I can solve these age issues, I am sure it will be a great radio!

>

> cheers

> Jeff

> VK3GMO

_

[Non-text portions of this message have been removed]

755. Re: [FT-707] Re: FT 707 aging issues

Yahoo group: FT-707
Date: 2009-07-24 03:20:50 UTC
From: Jeff Fein
Topic: 752 Message: 755

Vertex Australia....maybe they are different. Still didn't want the work. Hi.

73
Jeff

--- On Thu, 23/7/09, Greg W:-) <onegammyleg@...> wrote:

From: Greg W:-) <onegammyleg@...>
Subject: [FT-707] Re: FT 707 aging issues
To: FT-707@yahoogroups.com
Received: Thursday, 23 July, 2009, 6:38 PM

Hi Jeff

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> VK3GMO

_____
Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

756. Azimuth Map

Yahoo group: FT-707
Date: 2009-08-05 13:59:06 UTC
From: Alex Almonte
Topic: 756 Message: 756

Hi,

Thank you Yaesu FT-707 yahoo groups for the opportunity and privilege to be here. Anyway, I'm looking for Azimuth Map that can be used by my station (and centered to Manila, Philippines). Guys, do you know someone who makes fine azimuth maps in the states or near my place? Please help.

Thank you Yaesu FT-707 yahoo groups! :)

757. RE: [FT-707] Azimuth Map

Yahoo group: FT-707
Date: 2009-08-05 14:25:21 UTC
From: Adrian
Topic: 756 Message: 757

Hi Alex

Try Azimuth, an excellent little piece of software where you can create your own to either print off or just view on your computer

http://www.qsl.net/ve6yp/

Adrian G0KOM

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Alex Almonte
Sent: 05 August 2009 14:59
To: FT-707@yahoogroups.com
Subject: [FT-707] Azimuth Map

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Thank you Yaesu FT-707 yahoo groups! :)

__.-,-.__

[Non-text portions of this message have been removed]

758. RE: [FT-707] Azimuth Map

Yahoo group: FT-707
Date: 2009-08-06 03:08:49 UTC
From: Alexander Almonte
Topic: 756 Message: 758

Hi Adrian,

Thank you very much, Adrian. Azimuth map program is usable in Windows Vista Home Premium, Mabuhay from the Philippines...

Best regards,

ALEX ALMONTE, DV1UBY (ex-DY1UBY, DW1UBY)

--- On Wed, 5/8/09, Adrian <adrian@...> wrote:

From: Adrian <adrian@...>
Subject: RE: [FT-707] Azimuth Map
To: FT-707@yahoogroups.com
Date: Wednesday, 5 August, 2009, 10:25 PM

Hi Alex

Try Azimuth, an excellent little piece of software where you can create your

own to either print off or just view on your computer

http://www.qsl. net/ve6yp/

Adrian G0KOM

From: FT-707@yahoogroups. com [mailto:FT-707@yahoogroups. com] On Behalf Of

Alex Almonte

Sent: 05 August 2009 14:59

To: FT-707@yahoogroups. com

Subject: [FT-707] Azimuth Map

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Thank you Yaesu FT-707 yahoo groups! :)

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[Non-text portions of this message have been removed]

New Email names for you!
Get the Email name you've always wanted on the new @ymail and @rocketmail.
Hurry before someone else does!
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

759. Re: intermittent sensitivity

Yahoo group: FT-707
Date: 2009-08-13 15:21:05 UTC
From: Clive Hollins
Topic: 507 Message: 759

Well it doen't sound as though it is the tuner being a problem if it happens when directly connected to the antenna. It does sound as though it is perhaps due to the tx/Rx relay. It is a bit difficult to get to as it also carries the power leads and it is enclosed inside a plastic cover but if the relay contacts are tarnished then it could be that the tarnish is acting as a resistance once the rig is in the rx mode for a while. It might be a good idea to carefully make your way into the contacts of that relay and carefully burnish the contacts with a fine abrasive file.

--- In FT-707@yahoogroups.com, "n2yc2003" <johnfm1@...> wrote:
>
> Hi.
>
> I have a used FT-707 which seems to have an intermittent sensitivity
> issue. For the most part it hears very well, but it definitely loses
> sensitivity at times. I have only had this radio for a few weeks, so
> it might have been inactive for a while.
>
> If the radio is receiving I sometimes notice a gradual drop in
> receive sensitivity. It gets to the point where CW signals fade way
> down.
>
> If I do one of the following it brings the sensitivity level back up ☐
>
>
> 1 ☐ When running through the FC-707 I rotate the band knob to the
> THRU position and then back to the band position.
>
> 2 - Sending a few dits. This works whether it is going through the FC-
> 707 or connected directly to my G5RV Jr.
>
> Any help would be appreciated.
>
> 73, John N2YC
>

760. Newbie

Yahoo group: FT-707
Date: 2009-08-21 03:40:15 UTC
From: kf4tap
Topic: 760 Message: 760

Hi ya'll, new to the group. in the last couple of weeks i passed the generals test and procruded a FT 707S. Mine is a JA variant for the domestic JA novice market so it's a bit different. Once all this nasty weather moves out i hope to get some wire in the air and start working on the was in earnest. keith Kf4tap.

761. FS: FT-707

Yahoo group: FT-707
Date: 2009-08-22 14:57:13 UTC
From: n4elm
Topic: 761 Message: 761

For Sale:
Yaesu FT-707 Compact HF Transceiver

80 - 10 Meters plus WARC bands
Modes - SSB, CW, AM
100 watts output

with FTV-707DM Digital VFO
with optional 350 Hz CW filter

includes DC power cable, manuals, and a hand mike
Radio and VFO both work and are in good, used condition.
The radio has some scratches on the case and there is a chip in the paint on the left side of the faceplate.

Asking $400.00 + shipping to lower 48

You can reply off-list to n4elm@...

Thanks! - Dave

762. FT-707 question.

Yahoo group: FT-707
Date: 2009-09-13 02:05:02 UTC
From: circuitbrnr
Topic: 762 Message: 762

Im studying to get my ticket, and have been into electronics all my life almost.
I bought this FT-707 with its power supply about 15 years ago, back when I used to play with radios a lot. i used it to recieve mainly, since Im not licensed to transmit. had fun with an MFJ computer interface connected to my atari 800 home computer, recieving CW and RTTY on the screen.

I pulled it out of storage last month and plugged it up to find the power supply is over supplying for some reason.
So, I refused to connect it to the radio.
Instead I used a large 12v truck battery to power it up.
What I find is no recieve sound, and the VFO frequency is off on some wierd frequency like 80 or 90 some-odd MHZ.
I know something happened while it aged 10 years in a box in the attic.
Solder joint crack?
sunspot flares?
angry cosmic rays focusing on my stored radio?
I have no clue other than asking owners of FT-707 radios.
If this symptom is recognised by anyone and you know what could cause this, I would be greatly appreciative!

Thanks again ,

Russ (no call /// - YET !!!)

763. Re: [FT-707] FT-707 question.

Yahoo group: FT-707
Date: 2009-09-13 14:29:18 UTC
From: Kb3hg@aol.com
Topic: 762 Message: 763

Instead I used a large 12v truck battery to power it up.
What I find is no recieve sound, and the VFO frequency is off on some wierd frequency like 80 or 90 some-odd MHZ.
I know something happened while it aged 10 years in a box in the attic.

Start by cleaning the bandswitch contacts and proceed through cleaning harness connections. Others will add to this no doubt,? Over supply from the power supply, High voltage, I take it? Could be loose connections, shorted Pass transistors. more details would be nice. do you have the schematics for it (power supply) I don't recall if you were specific as to what brand and model it is.

De-oxit is a very good contact cleaner. exspensive but good.

73,
Tom
Kb3hg

[Non-text portions of this message have been removed]

764. Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-13 15:32:26 UTC
From: onegammyleg
Topic: 762 Message: 764

Hi Russ.

This is typical result of when the frequency counter isn't getting its correct inputs.

This can mean the VFO is dead , cabling or plugs to the counter are damaged , or if its only affects one band , the premix oscillator for that band.

Regards

gregW:-) OH2FFY

==========

--- In FT-707@yahoogroups.com, "circuitbrnr" <circuitbrnr@...> wrote:
SNIP
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SNIP
>
> Russ (no call /// - YET !!!)
>

765. Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-13 16:09:22 UTC
From: robialbion
Topic: 762 Message: 765

Hi Russ
> What I find is no recieve sound, and the VFO frequency is off on some wierd frequency like 80 or 90 some-odd MHZ.
Welcome to my world!! My 707 stopped RX/TX and the display went haywire a few months back, its a standby rig to a MkV so still getting around to fixing it..., however what I have managed to establish so far in cleaning all the switches etc. In doing this I noticed the band switch was loose. Connecting up the rig it was back on normal operation but shorting out if the band switch is pressed down, tightened up the lock nut and now sure enough its gone wrong again. So the next job is to strip down and re-solder the contacts to the band switch and try that. I'll keep you posted but at least its a starting point!!
good luck
RobL MJ0RZD

766. Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-13 23:05:49 UTC
From: circuitbrnr
Topic: 762 Message: 766

Ok heres a few more details to increase resolution a bit ...
The fault is on all bands.
VFO is showing 91 mhz and some change. fluctuates a few Khz every few seconds on its own, and induced fluctuation whenever the band switch is operated, and also when the mode switch is moved.
Relays click when MOX is depressed, and also during band switching.
The only lights are the freq counter. No RF / S meter lights.

I took some pics of my investigation last night and will post very soon.
I removed RF board, IF board, and AF board, ... re soldered about 50-60% of the beads neatly without overheating anything, esp the synthesizer chip contacts. some odd looking crappy mod had been done to the AF board, they drilled a little hole in connector J-07 and had a wire "tap" inserted there. Looks like they tapped into the solid white wire (pin 5 or 6) this wire lead to a transistor (motorola #R0G03) metal can package type.. just hanging loose, un-mounted. A lead on this transistor had been wrapped around the PCB mouting screw in the right rear of the board.
The 3rd transistor lead had a 1.8k carbon resistor soldered to it and that led to some undetermined location. The whole mod was crappy quality like some 4th grader did it, complete with 16 guage wire and electrical tape. I have no idea what this was for, but the rig used to be able to operate on a portion (upper half)of the 11 meter band. (shakes head)
This mod im describing was obviously not working, as the 16 guage wire lead went off to some location in the back of the chassis, and was disconnected when I took it apart last week.
maybe this is the problem. but not knowing what that loose transistor
was doing makes it hard. Maybe If I found where that loose wire went to, it would just work. But I would like to restore this radio to as original condition as possible.
I used De-oxit and De-oxit gold on the pots and switches, and also the multi-prong inline connectors on the boards ... carefull not to spray too much and create secondary issues.

The wiring loom is in pretty good condition cosmetically, no visible damage or stress. The inline plugs that plug onto the boards look kinda beaten, some of them, but look functional at least.
My mind is drawn to that loose transistor mod for some reason.
I have to figure out where they had that wire going to.
seems like it was for supply volts.

One item I would like to note for you all, is the band selector switch... it rotates non stop. No stop at all, just continual position 'clicks'. Does this switch have a stop? Even after 10 plus years of not operating this radio, I seem to remember this band selctor switch having a stop... meaning you couldnt rotate the switch more than 360 degrees.
If the switch is broke, and It had a stop originally, thats a good location for the fault I think.
Also I havent checked to see if the FIX button is stuck or shorted yet, another good location for a fault like this.

Anyway, thanks for reading the high resolution description!
I cant wait till this rig is back up and running.
When I thought it wasnt broke, I didnt pay much attention to the radio the last few years... now that I know its broke, its eating at me to fix it, LOL.

--- In FT-707@yahoogroups.com, "robialbion" <robialbion@...> wrote:
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767. RE: [FT-707] Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-14 15:13:43 UTC
From: g3ueq@talktalk.net
Topic: 762 Message: 767

You most probably as other people have suggested no VFO drive, either due to 8V missing on VFO or no signal from VFO, the display you have is classic. Check the external VFO socket on rear panel, I think the switchbuilt into it turns the 8v to the VFO on/off if say remote digital VFO is plugged, also check the FIX switch wiring as this disables the VFO supply. If you have or can borrow a scope it should be pretty easy to trace the problem from the VFO down line. Generally the synthesiser and wiring on these rigs is pretty good, most probs stem from VFO..Regarding the wave switch, it does go all the way round..
Andy G3UEQ

Original Message:

From: circuitbrnr circuitbrnr@...
Date: Sun, 13 Sep 2009 23:05:49 -0000
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: FT-707 question.

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768. Re: [FT-707] Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-14 23:13:20 UTC
From: Jeff Fein
Topic: 762 Message: 768

There is no stop on the band switch. Good luck,

Jeff
VK3GMO

--- On Mon, 14/9/09, circuitbrnr <circuitbrnr@...> wrote:

From: circuitbrnr <circuitbrnr@...>
Subject: [FT-707] Re: FT-707 question.
To: FT-707@yahoogroups.com
Received: Monday, 14 September, 2009, 9:05 AM

Ok heres a few more details to increase resolution a bit ...

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> Hi Russ

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> Welcome to my world!! My 707 stopped RX/TX and the display went haywire a few months back, its a standby rig to a MkV so still getting around to fixing it..., however what I have managed to establish so far in cleaning all the switches etc. In doing this I noticed the band switch was loose. Connecting up the rig it was back on normal operation but shorting out if the band switch is pressed down, tightened up the lock nut and now sure enough its gone wrong again. So the next job is to strip down and re-solder the contacts to the band switch and try that. I'll keep you posted but at least its a starting point!!

> good luck

> RobL MJ0RZD

>

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[Non-text portions of this message have been removed]

769. Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-15 02:52:46 UTC
From: circuitbrnr
Topic: 762 Message: 769

AH !!!!!
the external VFO socket on the back !!
It has this little side box thingy attached to it (switching device?)
and its thoroughly rusted on the exterior, meaning its probably got some form of corrosion on its interior as well.
There was no rust at all anywhere on this radio when i put it away many years ago.
Wow, great tip man.
Maybe I can isolate it and get it out of the equation somehow!
Very cool man. that would make total sense now.
I will proceed with the next phase of inspection and repair...
I will keep you all posted on what I find.

Thanks again!

--- In FT-707@...m, "g3ueq@..." <g3ueq@...> wrote:
>
> You most probably as other people have suggested no VFO drive, either due
> to 8V missing on VFO or no signal from VFO, the display you have is
> classic. Check the external VFO socket on rear panel, I think the
> switchbuilt into it turns the 8v to the VFO on/off if say remote digital
> VFO is plugged, also check the FIX switch wiring as this disables the VFO
> supply. If you have or can borrow a scope it should be pretty easy to trace
> the problem from the VFO down line. Generally the synthesiser and wiring on
> these rigs is pretty good, most probs stem from VFO..Regarding the wave
> switch, it does go all the way round..
> Andy G3UEQ
>
> Original Message:
> ----------
> From: circuitbrnr circuitbrnr@...
> Date: Sun, 13 Sep 2009 23:05:49 -0000
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re: FT-707 question.
>
>
> Ok heres a few more details to increase resolution a bit ...
> The fault is on all bands.
> VFO is showing 91 mhz and some change. fluctuates a few Khz every few
> seconds on its own, and induced fluctuation whenever the band switch is
> operated, and also when the mode switch is moved.
> Relays click when MOX is depressed, and also during band switching.
> The only lights are the freq counter. No RF / S meter lights.
>
> I took some pics of my investigation last night and will post very soon.
> I removed RF board, IF board, and AF board, ... re soldered about 50-60% of

> the beads neatly without overheating anything, esp the synthesizer chip
> contacts. some odd looking crappy mod had been done to the AF board, they
> drilled a little hole in connector J-07 and had a wire "tap" inserted
> there. Looks like they tapped into the solid white wire (pin 5 or 6) this
> wire lead to a transistor (motorola #R0G03) metal can package type.. just
> hanging loose, un-mounted. A lead on this transistor had been wrapped
> around the PCB mouting screw in the right rear of the board.
> The 3rd transistor lead had a 1.8k carbon resistor soldered to it and that
> led to some undetermined location. The whole mod was crappy quality like
> some 4th grader did it, complete with 16 guage wire and electrical tape. I
> have no idea what this was for, but the rig used to be able to operate on a
> portion (upper half)of the 11 meter band. (shakes head)
> This mod im describing was obviously not working, as the 16 guage wire lead
> went off to some location in the back of the chassis, and was disconnected
> when I took it apart last week.
> maybe this is the problem. but not knowing what that loose transistor
> was doing makes it hard. Maybe If I found where that loose wire went to, it
> would just work. But I would like to restore this radio to as original
> condition as possible.
> I used De-oxit and De-oxit gold on the pots and switches, and also the
> multi-prong inline connectors on the boards ... carefull not to spray too
> much and create secondary issues.
>
> The wiring loom is in pretty good condition cosmetically, no visible damage
> or stress. The inline plugs that plug onto the boards look kinda beaten,
> some of them, but look functional at least.
> My mind is drawn to that loose transistor mod for some reason.
> I have to figure out where they had that wire going to.
> seems like it was for supply volts.
>
> One item I would like to note for you all, is the band selector switch...
> it rotates non stop. No stop at all, just continual position 'clicks'.
> Does this switch have a stop? Even after 10 plus years of not operating
> this radio, I seem to remember this band selctor switch having a stop...
> meaning you couldnt rotate the switch more than 360 degrees.
> If the switch is broke, and It had a stop originally, thats a good location
> for the fault I think.
> Also I havent checked to see if the FIX button is stuck or shorted yet,
> another good location for a fault like this.
>
> Anyway, thanks for reading the high resolution description!
> I cant wait till this rig is back up and running.
> When I thought it wasnt broke, I didnt pay much attention to the radio the
> last few years... now that I know its broke, its eating at me to fix it,
> LOL.
>
>
>
>
>

>
> --- In FT-707@yahoogroups.com, "robialbion" <robialbion@> wrote:
> >
> > Hi Russ
> > > What I find is no recieve sound, and the VFO frequency is off on some
> wierd frequency like 80 or 90 some-odd MHZ.
> > Welcome to my world!! My 707 stopped RX/TX and the display went haywire
> a few months back, its a standby rig to a MkV so still getting around to
> fixing it..., however what I have managed to establish so far in cleaning
> all the switches etc. In doing this I noticed the band switch was loose.
> Connecting up the rig it was back on normal operation but shorting out if
> the band switch is pressed down, tightened up the lock nut and now sure
> enough its gone wrong again. So the next job is to strip down and
> re-solder the contacts to the band switch and try that. I'll keep you
> posted but at least its a starting point!!
> > good luck
> > RobL MJ0RZD
> >
>
>
>
>
> ---
> myhosting.com - Premium Microsoft® Windows® and Linux web and application
> hosting - http://link.myhosting.com/myhosting
>

770. Yaesu FT-707 Logbook

Yahoo group: FT-707
Date: 2009-09-15 06:25:02 UTC
From: Alexander Almonte
Topic: 770 Message: 770

Hi Guys,

Do we have any DOS or Windows-based logbook programs/software that support my Yaesu FT-707?

Please help.

Thanks.

Best regards,

Alex, DV1UBY

Get your preferred Email name!
Now you can @... and @....
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

771. Uniden MK393 for Yaesu FT-707?

Yahoo group: FT-707
Date: 2009-09-15 12:26:45 UTC
From: Alexander Almonte
Topic: 771 Message: 771

Hi guys,

I tried to check the net but I can't find the pinning configuration for Uniden MK393. By the way I'll use the mic for my Yaesu FT-707.

Please help.

Thank you.

Best regards,

Alex, DV1UBY

Get your preferred Email name!
Now you can @... and @....
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

772. Re: FT-707 question.

Yahoo group: FT-707
Date: 2009-09-15 10:21:04 UTC
From: circuitbrnr
Topic: 762 Message: 772

I cleaned the switch in the ext VFO jack, tested switch, good.
Then I notice theres no 8 volt supply anywhere. Or at least at the points where its supposed to have 8 volts.
Im not sure yet where the voltage divider is at.
I think its the little board behind the counter board, since it has wrap-pins labled with various voltages.
I got 13 volts on a couple, but on the ones labeled "8 volts" they are dead.
So I put my voltage generator set to 8 volts on a section of 8 volt wires (white/brown) and lo and behold the s meter LEDs and the other lights like the VFO LED and FIX LED , etc. started working.
I verified the operation of the FIX button, as it would light the FIX LED when pressed in.
MARK LED comes on too when MARK is pressed.
Clarifier LED now comes on also when its turned on.
So Im getting closer now.
Still says 91 mhz on the counter though.
Have to figure out why 8 volts is not in the system yet.
Must be some fault on the little board (voltage divider?)
I would think the VFO would work when I supply the 8 volts from the workbench... But I dont have an external freq counter to check its output.
But its maybe dead, and that would cause this situation.
At least Ive got a bunch of subsystems checked off now, and I know for sure 8 volts is mysteriously missing.
At this point I may take it to a local shop thats pretty reputable so he can check the stuff I dont have equipment for.

I sure know the inside of this radio now!
I may look for a parts unit to have for spare parts, or even buy a good working radio, and retire this one as parts ... if I cant get this one fixed easily.

Thanks again for all the suggestions, and hopefully I will have a 707 in good working shape someday soon.

--- In FT-707@yahoogroups.com, "circuitbrnr" <circuitbrnr@...> wrote:
>
> AH !!!!!
> the external VFO socket on the back !!
> It has this little side box thingy attached to it (switching device?)
> and its thoroughly rusted on the exterior, meaning its probably got some form of corrosion on its interior as well.
> There was no rust at all anywhere on this radio when i put it away many years ago.
> Wow, great tip man.
> Maybe I can isolate it and get it out of the equation somehow!
> Very cool man. that would make total sense now.
> I will proceed with the next phase of inspection and repair...
> I will keep you all posted on what I find.
>

> Thanks again!
>
>
>
> --- In FT-707@yahoogroups.com, "g3ueq@" <g3ueq@> wrote:
> >
> > You most probably as other people have suggested no VFO drive, either due
> > to 8V missing on VFO or no signal from VFO, the display you have is
> > classic. Check the external VFO socket on rear panel, I think the
> > switchbuilt into it turns the 8v to the VFO on/off if say remote digital
> > VFO is plugged, also check the FIX switch wiring as this disables the VFO
> > supply. If you have or can borrow a scope it should be pretty easy to trace
> > the problem from the VFO down line. Generally the synthesiser and wiring on
> > these rigs is pretty good, most probs stem from VFO..Regarding the wave
> > switch, it does go all the way round..
> > Andy G3UEQ
> >
> > Original Message:
> > ----------
> > From: circuitbrnr circuitbrnr@
> > Date: Sun, 13 Sep 2009 23:05:49 -0000
> > To: FT-707@yahoogroups.com
> > Subject: [FT-707] Re: FT-707 question.
> >
> >
> > Ok heres a few more details to increase resolution a bit ...
> > The fault is on all bands.
> > VFO is showing 91 mhz and some change. fluctuates a few Khz every few
> > seconds on its own, and induced fluctuation whenever the band switch is
> > operated, and also when the mode switch is moved.
> > Relays click when MOX is depressed, and also during band switching.
> > The only lights are the freq counter. No RF / S meter lights.
> >
> > I took some pics of my investigation last night and will post very soon.
> > I removed RF board, IF board, and AF board, ... re soldered about 50-60% of
> > the beads neatly without overheating anything, esp the synthesizer chip
> > contacts. some odd looking crappy mod had been done to the AF board, they
> > drilled a little hole in connector J-07 and had a wire "tap" inserted
> > there. Looks like they tapped into the solid white wire (pin 5 or 6) this
> > wire lead to a transistor (motorola #R0G03) metal can package type.. just
> > hanging loose, un-mounted. A lead on this transistor had been wrapped
> > around the PCB mouting screw in the right rear of the board.
> > The 3rd transistor lead had a 1.8k carbon resistor soldered to it and that
> > led to some undetermined location. The whole mod was crappy quality like
> > some 4th grader did it, complete with 16 guage wire and electrical tape. I
> > have no idea what this was for, but the rig used to be able to operate on a
> > portion (upper half)of the 11 meter band. (shakes head)
> > This mod im describing was obviously not working, as the 16 guage wire lead
> > went off to some location in the back of the chassis, and was disconnected
> > when I took it apart last week.

> > maybe this is the problem. but not knowing what that loose transistor
> > was doing makes it hard. Maybe If I found where that loose wire went to, it
> > would just work. But I would like to restore this radio to as original
> > condition as possible.
> > I used De-oxit and De-oxit gold on the pots and switches, and also the
> > multi-prong inline connectors on the boards ... carefull not to spray too
> > much and create secondary issues.
> >
> > The wiring loom is in pretty good condition cosmetically, no visible damage
> > or stress. The inline plugs that plug onto the boards look kinda beaten,
> > some of them, but look functional at least.
> > My mind is drawn to that loose transistor mod for some reason.
> > I have to figure out where they had that wire going to.
> > seems like it was for supply volts.
> >
> > One item I would like to note for you all, is the band selector switch...
> > it rotates non stop. No stop at all, just continual position 'clicks'.
> > Does this switch have a stop? Even after 10 plus years of not operating
> > this radio, I seem to remember this band selctor switch having a stop...
> > meaning you couldnt rotate the switch more than 360 degrees.
> > If the switch is broke, and It had a stop originally, thats a good location
> > for the fault I think.
> > Also I havent checked to see if the FIX button is stuck or shorted yet,
> > another good location for a fault like this.
> >
> > Anyway, thanks for reading the high resolution description!
> > I cant wait till this rig is back up and running.
> > When I thought it wasnt broke, I didnt pay much attention to the radio the
> > last few years... now that I know its broke, its eating at me to fix it,
> > LOL.
> >
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> >
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> >
> > --- In FT-707@yahoogroups.com, "robialbion" <robialbion@> wrote:
> > >
> > > Hi Russ
> > > > What I find is no recieve sound, and the VFO frequency is off on some
> > wierd frequency like 80 or 90 some-odd MHZ.
> > > Welcome to my world!! My 707 stopped RX/TX and the display went haywire
> > a few months back, its a standby rig to a MkV so still getting around to
> > fixing it..., however what I have managed to establish so far in cleaning
> > all the switches etc. In doing this I noticed the band switch was loose.
> > Connecting up the rig it was back on normal operation but shorting out if
> > the band switch is pressed down, tightened up the lock nut and now sure
> > enough its gone wrong again. So the next job is to strip down and
> > re-solder the contacts to the band switch and try that. I'll keep you
> > posted but at least its a starting point!!

> > > good luck
> > > RobL MJ0RZD
> > >
> >
> >
> >
> >
> > ----------
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> >
>

773. FT 707 S

Yahoo group: FT-707
Date: 2009-10-18 20:47:28 UTC
From: cordoeclair
Topic: 773 Message: 773

I have received my FT707S.
It is the QRP version with 10Watts PeP output.
I have the Japanese manual with 10w PA schema and QRP FP707S power supply.
If you want add this docs send me a mail.
73/72 Bert F6FLH/qrp

774. In search

Yahoo group: FT-707
Date: 2009-11-12 18:12:14 UTC
From: Freddy
Topic: 774 Message: 774

VFO Powersupply and tuner hope someone can help 73's

775. 11 M

Yahoo group: FT-707
Date: 2009-11-12 17:54:17 UTC
From: Freddy
Topic: 775 Message: 775

Hello everyone my Name is Freddy I was woundering how to get my 707 on 11 m thanks

776. Re: 11 M

Yahoo group: FT-707
Date: 2009-11-12 18:20:31 UTC
From: pe1rea
Topic: 775 Message: 776

--- In FT-707@yahoogroups.com, "Freddy" <frddykimberly@...> wrote:
>
> Hello everyone my Name is Freddy I was woundering how to get my 707 on 11 m thanks
>
You must set a new set of cristals in the 10 meter band.

777. Re: FT 707 S

Yahoo group: FT-707
Date: 2009-11-12 18:25:43 UTC
From: Freddy
Topic: 773 Message: 777

--- In FT-707@yahoogroups.com, "cordoeclair" <cordoeclair@...> wrote:
>
> I have received my FT707S.
> It is the QRP version with 10Watts PeP output.
> I have the Japanese manual with 10w PA schema and QRP FP707S power supply.
> If you want add this docs send me a mail.
> 73/72 Bert F6FLH/qrp
>
How did you fix the promblem thanks 73's

778. Re: [FT-707] 11 M

Yahoo group: FT-707
Date: 2009-11-13 01:27:46 UTC
From: D. Yudhistira
Topic: 775 Message: 778

Freddy, AFAIK you must change the cristal and retune, I have one 707 that have been modified to use in 11m and work fine.
73 de 91SD251
Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "Freddy" <frddykimberly@...>
Date: Thu, 12 Nov 2009 17:54:17
To: <FT-707@yahoogroups.com>
Subject: [FT-707] 11 M

Hello everyone my Name is Freddy I was woundering how to get my 707 on 11 m thanks

[Non-text portions of this message have been removed]

779. Question about FM

Yahoo group: FT-707
Date: 2009-12-15 23:00:15 UTC
From: w0cbf@yahoo.com
Topic: 779 Message: 779

I just bought a 707 off of eBay and I have not received it yet. I was wondering if Yaesu ever made an FM board for this rig?

780. Re: [FT-707] Question about FM

Yahoo group: FT-707
Date: 2009-12-16 04:38:05 UTC
From: Brian Ford
Topic: 779 Message: 780

I don't think so, the only HF band to use FM on is 10m? Keith.
 http://sites.google.com/site/kshamradioparts/
Ham-Radio-Experimenter-subscribe@yahoogroups.com
hbhr-subscribe@yahoogroups.com

From: "w0cbf@..." <w0cbf@...>
To: FT-707@yahoogroups.com
Sent: Tue, December 15, 2009 5:00:15 PM
Subject: [FT-707] Question about FM

I just bought a 707 off of eBay and I have not received it yet. I was wondering if Yaesu ever made an FM board for this rig?

[Non-text portions of this message have been removed]

781. Re: [FT-707] Question about FM

Yahoo group: FT-707
Date: 2009-12-16 05:10:44 UTC
From: Bob Mantell
Topic: 779 Message: 781

My FT-77 has a FM card installed in it

73 de Bob,

K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Wed, 12/16/09, Brian Ford <kf4tap@...> wrote:

From: Brian Ford <kf4tap@...>
Subject: Re: [FT-707] Question about FM
To: FT-707@yahoogroups.com
Date: Wednesday, December 16, 2009, 4:38 AM

I don't think so, the only HF band to use FM on is 10m? Keith.
http://sites. google.com/ site/kshamradiop arts/
Ham-Radio-Experimen ter-subscribe@ yahoogroups. com
hbhr-subscribe@ yahoogroups. com

---------- --------- --------- --
From: "w0cbf@yahoo. com" <w0cbf@yahoo. com>
To: FT-707@yahoogroups. com
Sent: Tue, December 15, 2009 5:00:15 PM
Subject: [FT-707] Question about FM

I just bought a 707 off of eBay and I have not received it yet. I was wondering if Yaesu ever made an FM board for this rig?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

782. CW filter

Yahoo group: FT-707
Date: 2009-12-16 16:25:50 UTC
From: ollieoxen27
Topic: 782 Message: 782

My 707 has the optional CW filter. Two things I have noticed: When I switch the optional CW filter on during a QSO the power output drops considerable and the Drive control must be turned up. Also the radio's sensitivity doesn't seem as good requiring the RF Gain to be turned up.

I assume these issues exist with all FT-707s. Does anyone elses radio act differently?

oli ab7jk

783. Re: [FT-707] CW filter

Yahoo group: FT-707
Date: 2009-12-16 16:52:54 UTC
From: francesco messineo
Topic: 782 Message: 783

On 12/16/09, ollieoxen27 <ollieoxen27@...> wrote:
>
>
>
>
>
>
> My 707 has the optional CW filter. Two things I have noticed: When I switch the optional CW filter on during a QSO the power output drops considerable and the Drive control must be turned up. Also the radio's sensitivity doesn't seem as good requiring the RF Gain to be turned up.
>

mine does just the same, but I can go to full output by turning the
CAR knob a bit.
In RX mode the S-meter indication is generally a bit lower with the
narrow filter, but I always get better S/N ratio, so I don't care too
much about it.

best 73
Francesco IZ8DWF

784. Re: [FT-707] Question about FM

Yahoo group: FT-707
Date: 2009-12-16 16:57:30 UTC
From: francesco messineo
Topic: 779 Message: 784

Hi all,

On 12/16/09, Bob Mantell <k4esa@...> wrote:
>
>
>
>
>
>
> My FT-77 has a FM card installed in it

FT-77 came with FM and without AM. FT-707 has AM but no FM, not even
as an option.
Some time ago I have seen a mod by someone to add FM to the FT-707.
The space left inside the FT-707 is next to nothing so I didn't
attempt a similar mod, but obviously FM would have helped me quite a
bit as I use the FT-707 (mine is S version) as transverter exciter for
the 4m band where FM is sometimes useful.

Best 73 es HNY
Francesco IZ8DWF

785. FC-707

Yahoo group: FT-707
Date: 2009-12-19 21:59:17 UTC
From: n2yc2003
Topic: 785 Message: 785

Hello group,

- I made a mistake when loading my FT-707
- I selected an incorrect band switch position on the FC-707 and tuned for what I thought was a good match
- I increased power, tuned some more and heard a small pop in the tuner
- I also smelled smoke
- it cannot match now
- it smells burnt under the hood, but cannot see anything obvious
- any suggestions where I should look?
- does anyone have a .pdf copy of the FC-707 service manual?

Thanks,
John N2YC

786. Re: [FT-707] FC-707

Yahoo group: FT-707
Date: 2009-12-20 21:26:16 UTC
From: roughplanet
Topic: 785 Message: 786

Hi John,

Here is a copy of the FC-707 Instruction Manual which may be of some help.

Regards,

Laurie de VK3LD
roughplanet@...

----- Original Message -----
From: n2yc2003
To: FT-707@yahoogroups.com
Sent: Sunday, December 20, 2009 8:59 AM
Subject: [FT-707] FC-707

Hello group,

- I made a mistake when loading my FT-707
- I selected an incorrect band switch position on the FC-707 and tuned for what I thought was a good match
- I increased power, tuned some more and heard a small pop in the tuner
- I also smelled smoke
- it cannot match now
- it smells burnt under the hood, but cannot see anything obvious
- any suggestions where I should look?
- does anyone have a .pdf copy of the FC-707 service manual?

Thanks,
John N2YC

[Non-text portions of this message have been removed]

787. FC-707

Yahoo group: FT-707
Date: 2009-12-20 21:44:13 UTC
From: Ian McGowan
Topic: 785 Message: 787

Sounds as if you've maybe destroyed one of the fixed capacitors in the tuner, John

73, Ian, G8OFZ

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 9.0.716 / Virus Database: 270.14.115/2577 - Release Date: 12/20/09 07:35:00

[Non-text portions of this message have been removed]

788. Re: Question about FM

Yahoo group: FT-707
Date: 2009-12-22 02:49:02 UTC
From: wohtex
Topic: 779 Message: 788

My FT-77 has the Yaesu optional "AM CARD" "YES AM" which I don't think you see to often plus I have a FM card for it also. I am contemplating selling is as I am downsizing my shack to go full time RVing. If interested contact me off list at <<wh1944@...>> for more info and pictures.

73
Bill/N5CCQ

789. new to the group, new to the world of Yaesu

Yahoo group: FT-707
Date: 2009-12-22 14:11:21 UTC
From: Zach S.
Topic: 789 Message: 789

Hello, my name is Zach, I'm 18, and i live in missouri. I have been using and collecting vintage CBs since i was 12, and managed a few repairs on my own when necessary. I recently picked up an ft-707 modified for CB for $100 at a local pawnshop, sold my best radio and some other equipment to be able to pick it up. The first thing i noticed was the fan being on 24-7 when it shouldnt be, and the horrible noises coming from it. i remedied that with a 80mm wave bearing case fan and a toggle switch, so now I can just leave it off when Im not talking on the radio. I must say even if i Leave it on, it is much quieter, and moves more air through the heatsink. Now some, like my dad, consider this hacking, but I was able to fix my problem, and i cant afford to pay a tech, so all is good in my world. Anyway, thanks for letting me join the group, I hope to enjoy my time here, and expand my knowledge on my new addition, learn about Ham radio, and who knows, mybe get my ticket?

thanks, Zach

p.s. sorry if there are missing letters, the keyboard on the computer im using isnt working real well

790. Fw: Re: [FT-707] Digest Number 453

Yahoo group: FT-707
Date: 2009-12-22 13:51:50 UTC
From: Zachary Stauffer
Topic: 790 Message: 790

--- On Tue, 12/22/09, Zachary Stauffer <moonshiner180@...> wrote:

From: Zachary Stauffer <moonshiner180@...>
Subject: Re: [FT-707] Digest Number 453
To: "No Reply" <notify-dg-FT-707@yahoogroups.com>
Date: Tuesday, December 22, 2009, 7:49 AM

http://www.shopingathome.com/Yaesu%20FC707%20FP707.htm

http://www.marketworks.com/StoreFrontProfiles/DeluxeSFItemDetail.aspx?sid=1&sfid=86409&c=15486&i=280583

I found a couple places with a manual available, however, nothing free. I would just start by testing all the basic components, diodes, resistors, etc, and go from there.

--- On Sun, 12/20/09, FT-707@yahoogroups.com <FT-707@yahoogroups.com> wrote:

From: FT-707@yahoogroups.com <FT-707@yahoogroups.com>
Subject: [FT-707] Digest Number 453
To: FT-707@yahoogroups.com
Date: Sunday, December 20, 2009, 7:51 AM

There is 1 message in this issue.

Topics in this digest:

1. FC-707

  From: n2yc2003

Message
---
1. FC-707
    Posted by: "n2yc2003" johnfm1@... n2yc2003
    Date: Sat Dec 19, 2009 2:02 pm ((PST))

Hello group,

- I made a mistake when loading my FT-707
- I selected an incorrect band switch position on the FC-707 and tuned for what I thought was a good match
- I increased power, tuned some more and heard a small pop in the tuner
- I also smelled smoke
- it cannot match now
- it smells burnt under the hood, but cannot see anything obvious
- any suggestions where I should look?
- does anyone have a .pdf copy of the FC-707 service manual?

Thanks,
John N2YC

Messages in this topic (1)

Yaesu-Musen Radios: Quality all
around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

791. Re: [FT-707] new to the group, new to the world of Yaesu

Yahoo group: FT-707
Date: 2009-12-22 15:47:57 UTC
From: Kb3hg@aol.com
Topic: 789 Message: 791

Zach,
the FT-707 is a great rig.go to the files sectiom for manuals.$ 100 is Great deal.But for your own sake don't push the cb part on the group you will stir up a honets nest. Some hams get grumpy about such things, that being said , its not legal on 11 meters. Enjoy and get you license a great opportuniy to learn and open up all kinds of doors. also google ARRL, main page has links to clubs.

73,
Tom Kb3hg

-----Original Message-----
From: Zach S. <moonshiner180@...>
To: FT-707@yahoogroups.com
Sent: Tue, Dec 22, 2009 9:11 am
Subject: [FT-707] new to the group, new to the world of Yaesu

Hello, my name is Zach, I'm 18, and i live in missouri. I have been using and collecting vintage CBs since i was 12, and managed a few repairs on my own when necessary. I recently picked up an ft-707 modified for CB for $100 at a local pawnshop, sold my best radio and some other equipment to be able to pick it up. The first thing i noticed was the fan being on 24-7 when it shouldnt be, and the horrible noises coming from it. i remedied that with a 80mm wave bearing case fan and a toggle switch, so now I can just leave it off when Im not talking on the radio. I must say even if i Leave it on, it is much quieter, and moves more air through the heatsink. Now some, like my dad, consider this hacking, but I was able to fix my problem, and i cant afford to pay a tech, so all is good in my world. Anyway, thanks for letting me join the group, I hope to enjoy my time here, and expand my knowledge on my new addition, learn about Ham radio, and who knows, mybe get my ticket?

thanks, Zach

p.s. sorry if there are missing letters, the keyboard on the computer im using isnt working real well

---

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

792. Re: new to the group, new to the world of Yaesu

Yahoo group: FT-707
Date: 2009-12-22 18:18:27 UTC
From: Zach S.
Topic: 789 Message: 792

ok, i didnt plan on pushing Cb at all, just being honest about my backround.

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
> Zach,
> the FT-707 is a great rig.go to the files sectiom for manuals.$ 100 is Great deal.But for your own sake don't push the cb part on the group you will stir up a honets nest. Some hams get grumpy about such things, that being said , its not legal on 11 meters. Enjoy and get you license a great opportuniy to learn and open up all kinds of doors. also google ARRL, main page has links to clubs.
>
> 73,
> Tom Kb3hg
>
>
>
>
>
> -----Original Message-----
> From: Zach S. <moonshiner180@...>
> To: FT-707@yahoogroups.com
> Sent: Tue, Dec 22, 2009 9:11 am
> Subject: [FT-707] new to the group, new to the world of Yaesu
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>
> Hello, my name is Zach, I'm 18, and i live in missouri. I have been using and
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> necessary. I recently picked up an ft-707 modified for CB for $100 at a local
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> The first thing i noticed was the fan being on 24-7 when it shouldnt be, and the
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> the radio. I must say even if i Leave it on, it is much quieter, and moves more
> air through the heatsink. Now some, like my dad, consider this hacking, but I
> was able to fix my problem, and i cant afford to pay a tech, so all is good in
> my world. Anyway, thanks for letting me join the group, I hope to enjoy my time
> here, and expand my knowledge on my new addition, learn about Ham radio, and who
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> thanks, Zach
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> p.s. sorry if there are missing letters, the keyboard on the computer im using
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> ------------------------------------
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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793. FT-707 power plug wiring

Yahoo group: FT-707
Date: 2009-12-22 18:21:06 UTC
From: Zach S.
Topic: 793 Message: 793

I do not have the proper power cord, nor the cash to pick one up. Can anyone tell me what pins to hook up + and - test leads to, so i can make sure the radio works as it should until i can get a power cord?

thanks in advance, Zach

794. Re: [FT-707] FT-707 power plug wiring

Yahoo group: FT-707
Date: 2009-12-22 19:01:28 UTC
From: francesco messineo
Topic: 793 Message: 794

On 12/22/09, Zach S. <moonshiner180@...> wrote:
>
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>
>
> I do not have the proper power cord, nor the cash to pick one up. Can anyone tell me what pins to hook up + and - test leads to, so i can make sure the radio works as it should until i can get a power cord?
>

on mine, the two horizontal blades, top one is positive (+) and bottom
one is negative (-).
I suggest you to download the user manual and double check, also
another option is to open the bottom cover and check yourself the
wirings from inside.
Wrong polarity is destructive on the finals at least.
See if others agree with my findings too...
Best 73 es HNY

Frank IZ8DWF
> thanks in advance, Zach
>
>
>

795. Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-23 13:34:41 UTC
From: Zach S.
Topic: 793 Message: 795

Thanks, thats the way ive been running it ust receiving on a small power supply, until i can get a bigger one.. looks like I may be in for a repair bill though, i hooked the radio up to a battery yesterday, just to make sure it worked, and its not showing any output or modulation, whatsoever, on any band, receives and clicks over just fine. Could it be the non-original mh-1 mic? or am I in for a hefty repair bill?

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> On 12/22/09, Zach S. <moonshiner180@...> wrote:
> >
> >
> >
> >
> >
> >
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> >
>
> on mine, the two horizontal blades, top one is positive (+) and bottom
> one is negative (-).
> I suggest you to download the user manual and double check, also
> another option is to open the bottom cover and check yourself the
> wirings from inside.
> Wrong polarity is destructive on the finals at least.
> See if others agree with my findings too...
> Best 73 es HNY
>
> Frank IZ8DWF
> > thanks in advance, Zach
> >
> >
> >
>

796. Re: [FT-707] Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-23 16:02:06 UTC
From: francesco messineo
Topic: 793 Message: 796

Hi Zach,

On 12/23/09, Zach S. <moonshiner180@...> wrote:
>
>
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>
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>
> Thanks, thats the way ive been running it ust receiving on a small power supply, until i can get a bigger one.. looks like I may be in for a repair bill though, i hooked the radio up to a battery yesterday, just to make sure it worked, and its not showing any output or modulation, whatsoever, on any band, receives and clicks over just fine. Could it be the non-original mh-1 mic? or am I in for a hefty repair bill?

connect a dummy load on the antenna connector (good for 100W), switch
to CW and disconnect any key from the key plug on the back of the
radio. Press the mox button and turn the carrier control about at 12
o'clock position. You should see some power out, otherwise something
is broken. Could be easy and cheap to repair or not, there's no way to
tell without inspecting the radio and doing more tests.

Good luck and best 73
Frank IZ8DWF

797. Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-23 16:08:15 UTC
From: Zach S.
Topic: 793 Message: 797

Well, I dont have a dummy load so an antenna will have to do, but thanks for the tip.

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> Hi Zach,
>
> On 12/23/09, Zach S. <moonshiner180@...> wrote:
> >
> >
> >
> >
> >
> >
> > Thanks, thats the way ive been running it ust receiving on a small power supply, until i can get a bigger one.. looks like I may be in for a repair bill though, i hooked the radio up to a battery yesterday, just to make sure it worked, and its not showing any output or modulation, whatsoever, on any band, receives and clicks over just fine. Could it be the non-original mh-1 mic? or am I in for a hefty repair bill?
>
>
> connect a dummy load on the antenna connector (good for 100W), switch
> to CW and disconnect any key from the key plug on the back of the
> radio. Press the mox button and turn the carrier control about at 12
> o'clock position. You should see some power out, otherwise something
> is broken. Could be easy and cheap to repair or not, there's no way to
> tell without inspecting the radio and doing more tests.
>
> Good luck and best 73
> Frank IZ8DWF
>

798. Re: [FT-707] Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-23 16:15:10 UTC
From: Kb3hg@aol.com
Topic: 793 Message: 798

Do you have a copy of the manual? the power plug has +,-, and two spades jumpered. but do you have the manual?? here's a link to the connector but you need to properly connect the power and the jumper for the radio. I never tried to connect mine with out the jumper so I can't tell you what happens.

http://cgi.ebay.com/Yaesu-Kenwood-Bearcat-CB-AC-DC-Power-Cable-Cinch-Jones_W0QQitemZ400092340935QQcategoryZ296QQcmdZViewItemQQ_trksidZp4340.m263QQ_trkparmsZalgo%3DSIC%26its%3DI%252BC%26itu%3DUCI%252BIA%252BUA%252BFICS%252BUFI%252BDDSIC%26otn%3D10%26ps%3D63

-----Original Message-----
From: Zach S. <moonshiner180@...>
To: FT-707@yahoogroups.com
Sent: Wed, Dec 23, 2009 8:34 am
Subject: [FT-707] Re: FT-707 power plug wiring/ self hijacked

Thanks, thats the way ive been running it ust receiving on a small power supply, until i can get a bigger one.. looks like I may be in for a repair bill though, i hooked the radio up to a battery yesterday, just to make sure it worked, and its not showing any output or modulation, whatsoever, on any band, receives and clicks over just fine. Could it be the non-original mh-1 mic? or am I in for a hefty repair bill?

[Non-text portions of this message have been removed]

799. Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-23 17:26:05 UTC
From: Zach S.
Topic: 793 Message: 799

So the vertical pins need to be jumpered? that could be my problem then, i can solder a jumper if need be an unsolder it when i get a plug

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
> Do you have a copy of the manual? the power plug has +,-, and two spades jumpered. but do you have the manual?? here's a link to the connector but you need to properly connect the power and the jumper for the radio. I never tried to connect mine with out the jumper so I can't tell you what happens.
>
> http://cgi.ebay.com/Yaesu-Kenwood-Bearcat-CB-AC-DC-Power-Cable-Cinch-Jones_W0QQitemZ400092340935QQcategoryZ296QQcmdZViewItemQQ_trksidZp4340.m263QQ_trkparmsZalgo%3DSIC%26its%3DI%252BC%26itu%3DUCI%252BIA%252BUA%252BFICS%252BUFI%252BDDSIC%26otn%3D10%26ps%3D63
>
>
>
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> -----Original Message-----
> From: Zach S. <moonshiner180@...>
> To: FT-707@yahoogroups.com
> Sent: Wed, Dec 23, 2009 8:34 am
> Subject: [FT-707] Re: FT-707 power plug wiring/ self hijacked
>
>
> Thanks, thats the way ive been running it ust receiving on a small power supply,
> until i can get a bigger one.. looks like I may be in for a repair bill though,
> i hooked the radio up to a battery yesterday, just to make sure it worked, and
> its not showing any output or modulation, whatsoever, on any band, receives and
> clicks over just fine. Could it be the non-original mh-1 mic? or am I in for a
> hefty repair bill?
>
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>
> [Non-text portions of this message have been removed]
>

800. Re: [FT-707] Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-23 19:55:10 UTC
From: francesco messineo
Topic: 793 Message: 800

On 12/23/09, Zach S. <moonshiner180@...> wrote:
>
>
>
>
>
>
> So the vertical pins need to be jumpered? that could be my problem then, i can solder a jumper if need be an unsolder it when i get a plug

indeed they are jumpered by the connector, I had never realized that.
I'm not sure they are connected internally, but you can easily try
with a couple of alligator clips and a short wire, I don't suggest you
to solder anything as the plug has very narrow slots and it might not
fit if you fail to remove the solder completely.

best 73
Frank IZ8DWF

801. Re: new to the group, new to the world of Yaesu

Yahoo group: FT-707
Date: 2009-12-24 05:38:29 UTC
From: kb7js
Topic: 789 Message: 801

Zack

Welcome to the group, and congratulations on the great deal on the FT-707. Pay no attention to the inevitable chatter you will most likely receive from my fellow Amateur peers about the "Childrens Band". They forget the most important part of HAM radio, their responsibility to be good neighbors and promote the good aspects of our hobby (e.g. tollerance).

There is a legacy of competition between Hams and CB'ers due to a surge in factory modified high power radios on 11 meters that started in the 1970's during what was one of the best sun spot cycles of all time. Since CB did not require a license, a large portion of the HAM community was seriously offended that somebody could have as much fun as they do without first bearing the pain. They cared not that the high power was legal in a whole bunch of other countries, by damn, it wasn't legal here, and they wanted the government to do something about it. Burried in this is a fanatical belief that if the allowed anyone to have fun without suffering their pain, it will lead to them losing their precious monopoly. If you think this sounds just like a fraternity trying to justify hazing, your right, it is. But it simply just does not matter any more since technology has bypassed us all. Too many long time HAM's get wrapped up in their own importantce, which they claim is earned by virtue of their ability to pass a relatively simple test that has been mastered, time and again, by 8 year olds.

I have rebuilt, resurrected and resuscitated a couple dozen of these radios over the years, and they are my favorite. My first one, which was a total rebuild case (it had been on a sail boat, full of salt corrosion) is still my primary radio. The receiver is one of the best of all solid state rigs, bar none, and I will put it up against any of the new rigs with roofing filters any day, and the SSB audio produced by an FT-707 with a good high impedance microphone is superior to any newer radio.

Normally, the FT-707 fan control circuit works very well, and only runs the fan at variable speed when the finals get quite hot (@ 95Deg F). Rarely does the fan run at full speed, and when it does, it is usually trying to tell you to STOP TRANSMITTING!!!!.

If you run an FT-707 on SSB at a power setting anywhere near the "legal" limits of 11 meters, the fan most likely would never run at all. The truth is, a good signal is a good signal, is usually produced by a great radio with a good antenna, and power is not a substitue for either. I run my trusty old 707 at 5-10 watts all the time while working DX with PSK-31. However, if you push the rig to its

full power potential, then the fan is essential. I should warn you that the Fan Control circuit of the FT-707 shares a circuit for the Automatic Level Control (ALC), which is very important in keeping you from frying the final amplifier of your very nice FT-707. Since the fan control in your FT-707 is obviously not working correctly, I would strongly recommend you dig in and find out why before you use full power.

In your radio, I would guess that the heat sensor is shorted, there is a wiring problem between the PA unit and the HPF unit, or the circuit that drives the motor is bad.

The PA fan is normally controlled by a 32D27 Varistor as a heat sensor, which is attached to the PA circuit board and laid out flat so that it rests on one of the final transistors. It is often hard to find because it is hidden under the silicon heat transfer paste piled on top of the finals. The varistor drives both channels of an AN6552 Op Amp in a circuit located on the HPF module inside the radio. One channel of the Op Amp drives an emitter follower transistor amplifier to provide variable speed control for the fan, and the other channel of the Op Amp provides linear drive that controls the Automatic Level Control (ALC), which prevents damage to the final amplifier transistors by reducing the power input drive to the PA to allow the transistors to cool down. This circuit is essential and must be working to protect your radio. Even if you don't drive it at full power, a problem in your antenna line that causes excessive SWR can cause the PA finals to overheat rapidly, and if this circuit does not function to cut them off, the magical smoke that makes all radios work will get out, and then you'll have to send it to a certified FT-707 mechanic (a.k.a. Me) to put the smoke back in again.

The Yaesu FT-77 and FT-180 (HF Marine) also use the same PA assembly. However, these rigs did not have an ALC function, so they did not use the varistor, instead using a simple circuit with a OHD-50M Thermal Switch, mounted on the side heat sink of the PA Assembly, next to the 7808 voltage regulator. This switch is in series with the fan motor, and simply turns it on when it reaches approximately 80 degrees F. I have twice encountered FT-707's that have had their PA assembly replaced by one scavenged from an FT-77 or FT-180, and usually the repair leaves the fan hard-wired to the 13Volt power, which will make it run full speed all the time, and burn the fan motor or its bearings out quickly (alas, it starts to make a lot of racket, just like yours did).

If you would like to make your custom fan work with the PA temp sense circuit, you will first have to figure out what is wrong with the fan control circuit in the first place that caused the original fan to run all the time. Once you have accomplished that, you will need an 8 volt fan (Rare, but you can get them from Allied Electronics), or you will need to modify the fan control circuit to use a 7812 regulator instead to drive 12 volt fan. I might just have an original Yaesu fan motor in my junk box you can have if you like, I will look for it.

Enjoy your radio, and heck, you have such a nice radio now, why not do a little studying on your free time and take the test for an Amateur Radio license. Trust me, we will be happy to have you join us on the HF bands.

Regards

Dave

KB7JS

--- In FT-707@yahoogroups.com, "Zach S." <moonshiner180@...> wrote:
>
> ok, i didnt plan on pushing Cb at all, just being honest about my backround.
>
> --- In FT-707@yahoogroups.com, Kb3hg@ wrote:
> >
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> > Zach,
> > the FT-707 is a great rig.go to the files sectiom for manuals.$ 100 is Great deal.But for your own sake don't push the cb part on the group you will stir up a honets nest. Some hams get grumpy about such things, that being said , its not legal on 11 meters. Enjoy and get you license a great opportuniy to learn and open up all kinds of doors. also google ARRL, main page has links to clubs.
> >
> > 73,
> > Tom Kb3hg
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: Zach S. moonshiner180@
> > To: FT-707@yahoogroups.com
> > Sent: Tue, Dec 22, 2009 9:11 am
> > Subject: [FT-707] new to the group, new to the world of Yaesu
> >
> >
> > Hello, my name is Zach, I'm 18, and i live in missouri. I have been using and
> > collecting vintage CBs since i was 12, and managed a few repairs on my own when
> > necessary. I recently picked up an ft-707 modified for CB for $100 at a local
> > pawnshop, sold my best radio and some other equipment to be able to pick it up.
> > The first thing i noticed was the fan being on 24-7 when it shouldnt be, and the
> > horrible noises coming from it. i remedied that with a 80mm wave

bearing case
> > fan and a toggle switch, so now I can just leave it off when Im not
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> > the radio. I must say even if i Leave it on, it is much quieter, and
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hacking, but I
> > was able to fix my problem, and i cant afford to pay a tech, so all
is good in
> > my world. Anyway, thanks for letting me join the group, I hope to
enjoy my time
> > here, and expand my knowledge on my new addition, learn about Ham
radio, and who
> > knows, mybe get my ticket?
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> > thanks, Zach
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> > p.s. sorry if there are missing letters, the keyboard on the
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> > Yaesu-Musen Radios: Quality all around!
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> > Yahoo! Groups Links
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

803. Re: [FT-707] Re: FT-707 power plug wiring/ self hijacked

Yahoo group: FT-707
Date: 2009-12-26 17:10:45 UTC
From: Zachary Stauffer
Topic: 793 Message: 803

Thanks for all the help. yes I have a pdf copy of the manual. I jumpered the other 2 pins, and everything seems to be working a-ok.

--- On Wed, 12/23/09, Kb3hg@... <Kb3hg@...> wrote:

From: Kb3hg@... <Kb3hg@aol.com>
Subject: Re: [FT-707] Re: FT-707 power plug wiring/ self hijacked
To: FT-707@yahoogroups.com
Date: Wednesday, December 23, 2009, 10:15 AM

Do you have a copy of the manual? the power plug has +,-, and two spades jumpered. but do you have the manual?? here's a link to the connector but you need to properly connect the power and the jumper for the radio. I never tried to connect mine with out the jumper so I can't tell you what happens.

http://cgi.ebay.com/Yaesu-Kenwood-Bearcat-CB-AC-DC-Power-Cable-Cinch-Jones_W0QQitemZ400092340935QQcategoryZ296QQcmdZViewItemQQ_trksidZp4340.m263QQ_trkparmsZalgo%3DSIC%26its%3DI%252BC%26itu%3DUCI%252BIA%252BUA%252BFICS%252BUFI%252BDDSIC%26otn%3D10%26ps%3D63

-----Original Message-----
From: Zach S. <moonshiner180@...>
To: FT-707@yahoogroups.com
Sent: Wed, Dec 23, 2009 8:34 am
Subject: [FT-707] Re: FT-707 power plug wiring/ self hijacked

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[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

804. Re: [FT-707] Re: new to the group, new to the world of Yaesu

Yahoo group: FT-707
Date: 2009-12-26 17:44:40 UTC
From: Zachary Stauffer
Topic: 789 Message: 804

Thanks for the reply, it was a good read. Yea the fan ran 24/7 full speed, rattling, racket, occasional screeching...it had to go..lol I have a 80mm wave bearing fan on the back, and i can barely tell its on over the radio if i hit the switch. My plan is to just turn it on whenever Im going to be talking any, and leave it off when Im just listening in. I share your views alot on the ham/CB subject. There are a few CBers on the forum Im on that are Hams as well, and theyre much more easy to deal with. We jokingly call ourselves chickenbanders from time to time, gotta be able to laugh at yourself. I think many more CBers would become hams and get their tickets, but being looked down on as Cbers has made many people decide thats not the kind of people they want to be talking with. On the illegal power subject, in alot of areas, you need a little boost just to make contacts on a decent basis, there arent many 11m hobbyists left. you have the morons that everyone hates bleeding 3 blocks over on telephones and tvs, but most are just trying to get out there and have some fun, and run clean setups and are responsible about it. This ft-707 will be great for me on ssb I will be able to talk well on ssb, and make contacts, but its not alot of power, Im sure its clean, and its all i need. 100w is nothing when several have over 1kw on tap when they need/want it. I understand the dislike of export radios, I dislike them myself, they are cheaply made harmonic turds. The problem I beleive is less about the power, but how it is used. All that being said, i just want people to understand, many of us are responsible about the equipment we have, and many of the CBers that bring the bad reputation, are hated by everyone else as well. The way I see it, we are all here for the radio that has brought us together, we are all radio operators who like to enjoy our hobby, and there should be no negative light on anyone. i sold a highly modified CB (not export) with about $200 invested in it, to pick up this Yaesu. To be fully honest, yes I bought it because it was modded for 11m, but I am considering getting my license. I am more open to it now, whereas a year ago i had NO interest in it, but it all depends on the people i encounter, because they are who I will be talking to on the air if I get my ticket. Anyway, thanks for the reply, it is greatly appreciated, we all are gathered here for the radio, not for petty differences. Sorry if Im on a rant, its over now, lol.

take care, 73s to all

--- On Wed, 12/23/09, kb7js <dave.l.phillips@...> wrote:

From: kb7js <dave.l.phillips@...>
Subject: [FT-707] Re: new to the group, new to the world of Yaesu
To: FT-707@yahoogroups.com
Date: Wednesday, December 23, 2009, 11:38 PM

Zack

Welcome to the group, and congratulations on the great deal on the FT-707. Pay no attention to the inevitable chatter you will most likely receive from my fellow Amateur peers about the "Childrens Band". They forget the most important part of HAM radio, their responsibility to be good neighbors and promote the good aspects of our hobby (e.g.

tollerance).

There is a legacy of competition between Hams and CB'ers due to a surge in factory modified high power radios on 11 meters that started in the 1970's during what was one of the best sun spot cycles of all time. Since CB did not require a license, a large portion of the HAM community was seriously offended that somebody could have as much fun as they do without first bearing the pain. They cared not that the high power was legal in a whole bunch of other countries, by damn, it wasn't legal here, and they wanted the government to do something about it. Burried in this is a fanatical belief that if the allowed anyone to have fun without suffering their pain, it will lead to them losing their precious monopoly. If you think this sounds just like a fraternity trying to justify hazing, your right, it is. But it simply just does not matter any more since technology has bypassed us all. Too many long time HAM's get wrapped up in their own importantce, which they claim is earned by virtue of their ability to pass a relatively simple test that has been mastered, time and again, by 8 year olds.

I have rebuilt, resurrected and resuscitated a couple dozen of these radios over the years, and they are my favorite. My first one, which was a total rebuild case (it had been on a sail boat, full of salt corrosion) is still my primary radio. The receiver is one of the best of all solid state rigs, bar none, and I will put it up against any of the new rigs with roofing filters any day, and the SSB audio produced by an FT-707 with a good high impedance microphone is superior to any newer radio.

Normally, the FT-707 fan control circuit works very well, and only runs the fan at variable speed when the finals get quite hot (@ 95Deg F). Rarely does the fan run at full speed, and when it does, it is usually trying to tell you to STOP TRANSMITTING!!!!.

If you run an FT-707 on SSB at a power setting anywhere near the "legal" limits of 11 meters, the fan most likely would never run at all. The truth is, a good signal is a good signal, is usually produced by a great radio with a good antenna, and power is not a substitue for either. I run my trusty old 707 at 5-10 watts all the time while working DX with PSK-31. However, if you push the rig to its full power potential, then the fan is essential. I should warn you that the Fan Control circuit of the FT-707 shares a circuit for the Automatic Level Control (ALC), which is very important in keeping you from frying the final amplifier of your very nice FT-707. Since the fan control in your FT-707 is obviously not working correctly, I would strongly recommend you dig in and find out why before you use full power.

In your radio, I would guess that the heat sensor is shorted, there is a wiring problem between the PA unit and the HPF unit, or the circuit that drives the motor is bad.

The PA fan is normally controlled by a 32D27 Varistor as a heat sensor, which is attached to the PA circuit board and laid out flat so that it

rests on one of the final transistors. It is often hard to find because it is hidden under the silicon heat transfer paste piled on top of the finals. The varistor drives both channels of an AN6552 Op Amp in a circuit located on the HPF module inside the radio. One channel of the Op Amp drives an emitter follower transistor amplifier to provide variable speed control for the fan, and the other channel of the Op Amp provides linear drive that controls the Automatic Level Control (ALC), which prevents damage to the final amplifier transistors by reducing the power input drive to the PA to allow the transistors to cool down. This circuit is essential and must be working to protect your radio. Even if you don't drive it at full power, a problem in your antenna line that causes excessive SWR can cause the PA finals to overheat rapidly, and if this circuit does not function to cut them off, the magical smoke that makes all radios work will get out, and then you'll have to send it to a certified FT-707 mechanic (a.k.a. Me) to put the smoke back in again.

The Yaesu FT-77 and FT-180 (HF Marine) also use the same PA assembly. However, these rigs did not have an ALC function, so they did not use the varistor, instead using a simple circuit with a OHD-50M Thermal Switch, mounted on the side heat sink of the PA Assembly, next to the 7808 voltage regulator. This switch is in series with the fan motor, and simply turns it on when it reaches approximately 80 degrees F. I have twice encountered FT-707's that have had their PA assembly replaced by one scavenged from an FT-77 or FT-180, and usually the repair leaves the fan hard-wired to the 13Volt power, which will make it run full speed all the time, and burn the fan motor or its bearings out quickly (alas, it starts to make a lot of racket, just like yours did).

If you would like to make your custom fan work with the PA temp sense circuit, you will first have to figure out what is wrong with the fan control circuit in the first place that caused the original fan to run all the time. Once you have accomplished that, you will need an 8 volt fan (Rare, but you can get them from Allied Electronics), or you will need to modify the fan control circuit to use a 7812 regulator instead to drive 12 volt fan. I might just have an original Yaesu fan motor in my junk box you can have if you like, I will look for it.

Enjoy your radio, and heck, you have such a nice radio now, why not do a little studying on your free time and take the test for an Amateur Radio license. Trust me, we will be happy to have you join us on the HF bands.

Regards

Dave

KB7JS

--- In FT-707@yahoogroups.com, "Zach S." <moonshiner180@...> wrote:
>
> ok, i didnt plan on pushing Cb at all, just being honest about my

backround.
>
> --- In FT-707@yahoogroups.com, Kb3hg@ wrote:
> >
> >
> > Zach,
> > the FT-707 is a great rig.go to the files sectiom for manuals.$ 100
is Great deal.But for your own sake don't push the cb part on the group
you will stir up a honets nest. Some hams get grumpy about such things,
that being said , its not legal on 11 meters. Enjoy and get you license
a great opportuniy to learn and open up all kinds of doors. also google
ARRL, main page has links to clubs.
> >
> > 73,
> > Tom Kb3hg
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: Zach S. moonshiner180@
> > To: FT-707@yahoogroups.com
> > Sent: Tue, Dec 22, 2009 9:11 am
> > Subject: [FT-707] new to the group, new to the world of Yaesu
> >
> >
> > Hello, my name is Zach, I'm 18, and i live in missouri. I have been
using and
> > collecting vintage CBs since i was 12, and managed a few repairs on
my own when
> > necessary. I recently picked up an ft-707 modified for CB for $100
at a local
> > pawnshop, sold my best radio and some other equipment to be able to
pick it up.
> > The first thing i noticed was the fan being on 24-7 when it shouldnt
be, and the
> > horrible noises coming from it. i remedied that with a 80mm wave
bearing case
> > fan and a toggle switch, so now I can just leave it off when Im not
talking on
> > the radio. I must say even if i Leave it on, it is much quieter, and
moves more
> > air through the heatsink. Now some, like my dad, consider this
hacking, but I
> > was able to fix my problem, and i cant afford to pay a tech, so all
is good in
> > my world. Anyway, thanks for letting me join the group, I hope to
enjoy my time
> > here, and expand my knowledge on my new addition, learn about Ham

radio, and who
> > knows, mybe get my ticket?
> >
> > thanks, Zach
> >
> > p.s. sorry if there are missing letters, the keyboard on the
computer im using
> > isnt working real well
> >
> >
> >
> > ----------
> >
> > Yaesu-Musen Radios: Quality all around!
> >
> > Yahoo! Groups Links
> >
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

805. FT-707 repair

Yahoo group: FT-707
Date: 2010-01-02 05:43:31 UTC
From: circuitbrnr
Topic: 805 Message: 805

Ive been working on a Kenwood TS-440/SAT radio that I bought.
I have learned way more about these things than I ever wanted to.
Its a fairly complex Auto-tuning PLL based multibander (160-10 meters)thats actually quite a legendary kenwood.
I didnt think much of them before buying this broken heap and attempting to revive it.
Now Ive pushed my radio electronics abilities to a new plateau.
Its not fixed yet, but I see the light at the end of the tunnel as I wait for the last few tid-bits to arrive in the mail.
(varactor diodes are indeed unique and hard to find sometimes)

In this spirit of increased technical expertise, I again turn my attention to my broken FT-707.
I put it on the shelf last year after taking it apart and trying to find the problem with it.

I will explain its situation breifly...
It worked when it was put into storage 14 years ago.
When I unboxed it, and turned it on, it showed 81 or 91 mhz (cant remember right now-doesnt matter) on its VFO readout. No static, no nothing. But realys clicked, and everything else lights up and seems to function at least. Someone told me a while back here in this group that when that odd MHZ number shows on the VFO, it means an oscillator or a mixer has failed.
More specifically, maybe the VFO has died, and the resulting mixed frequency results in the odd-ball 81 mhz on the display.
Sounds logical to me.
Now Im looking back at repairing this fine Yaesu soon, with the bravery Ive gained from troubleshooting the much more complex Kenwood TS-440/SAT.

Now my questions -

Does anyone know right off-hand this scenario, or seen this on a 707 yet?

Does anyone know of troubleshooting resources for the 707 ..comparable to the large amount of resources from the TS-440 comunity? (those kenwood guys are great)

Does anyone know of someone who specializes in or is very good at FT-707 repairs? (in case I cant beat it into shape)

Thats really it for now.
I have some details about some poorly implemented repair or modification on my 707 that Im sure is related to its failure.
More details on that at the proper time.

Thanks for any info or assistance !

Russ
KF5DPO

806. RE: [FT-707] FT-707 repair

Yahoo group: FT-707
Date: 2010-01-02 10:19:02 UTC
From: Adrian
Topic: 805 Message: 806

Before you start troubleshooting check the FIX button is not depressed

Adrian G0KOM

Ive been working on a Kenwood TS-440/SAT radio that I bought.
I have learned way more about these things than I ever wanted to.
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I didnt think much of them before buying this broken heap and attempting to revive it.
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Thanks for any info or assistance !

Russ
KF5DPO

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.725 / Virus Database: 270.14.124/2596 - Release Date: 01/01/10
09:20:00

[Non-text portions of this message have been removed]

807. Low Power Output

Yahoo group: FT-707
Date: 2010-01-02 12:54:31 UTC
From: utinsay
Topic: 807 Message: 807

Hi, I have purchased 2 FT707!
Both appear to be putting out less than 20 watts according to the reading on my Kenwood AT20 antenna tuner. I would be interested to
receive comments from those who have experienced similar problems.
Also how many LEDS have to light up in order to show 100w output?
i.e. with the ALG button not depressed. Thanks to all!

808. Re: FT-707 repair

Yahoo group: FT-707
Date: 2010-01-02 15:56:27 UTC
From: w0cbf@yahoo.com
Topic: 805 Message: 808

From somewhat limited use of a 707 it seems that if the band switch is between the 10 and 80 meter bands then my 707 shows 91.xxxxxx. Check our band switch and be sure it is in the proper band.

73's

--- In FT-707@yahoogroups.com, "circuitbrnr" <circuitbrnr@...> wrote:
>
> Ive been working on a Kenwood TS-440/SAT radio that I bought.
> I have learned way more about these things than I ever wanted to.
> Its a fairly complex Auto-tuning PLL based multibander (160-10 meters)thats actually quite a legendary kenwood.
> I didnt think much of them before buying this broken heap and attempting to revive it.
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> Its not fixed yet, but I see the light at the end of the tunnel as I wait for the last few tid-bits to arrive in the mail.
> (varactor diodes are indeed unique and hard to find sometimes)
>
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> It worked when it was put into storage 14 years ago.
> When I unboxed it, and turned it on, it showed 81 or 91 mhz (cant remember right now-doesnt matter) on its VFO readout. No static, no nothing. But realys clicked, and everything else lights up and seems to function at least. Someone told me a while back here in this group that when that odd MHZ number shows on the VFO, it means an oscillator or a mixer has failed.
> More specifically, maybe the VFO has died, and the resulting mixed frequency results in the odd-ball 81 mhz on the display.
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> Now my questions -
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>
> Does anyone know of someone who specializes in or is very good at FT-707 repairs? (in case I cant beat it into shape)

>
> Thats really it for now.
> I have some details about some poorly implemented repair or modification on my 707 that Im sure is related to its failure.
> More details on that at the proper time.
>
> Thanks for any info or assistance !
>
> Russ
> KF5DPO
>

809. Re:FT-707 repair

Yahoo group: FT-707
Date: 2010-01-02 19:45:28 UTC
From: Phillips, Dave (AZ15)
Topic: 805 Message: 809

Russ

I have repaired, revived or resuscitated several FT-707's over the years, and find this problem to be quite common. When the basic inputs to the FT-707 mixer fail, the digital readout will typically display a frequency in the 90 Mhz range. Normally, this problem is very easy to troubleshoot, as follows;

* The most common cause for this problem is oxidized contacts. The FT-707 is a modular radio with interconnects between the major functional components, and the connectors are subject to oxidization of their contacts, especially when stored for a prolonged period. I recommend that you get yourself some De-oxit and carefully remove each connector and clean the pins. The time spent will be well worth it as this usually resolves most solid as well as intermittent FT-707 problems.

* Check the display readout for each band. Since each band has its own local oscillator crystal, the display should change if one or more are working correctly, and you can focus on the one(s) that don't. These oscillators are located on the AF unit and have the following output frequencies.

o 80 17.9845 Mhz

o 40 21.4845 Mhz

o 30 24.4875 Mhz

o 20 28.4875 Mhz

o 17 32.4875 Mhz

o 15 35.4875 Mhz

o 12 38.9875 Mhz

o 10A 42.4875 Mhz

o 10B 42.9875 Mhz

o 10C 43.4875 Mhz

o 10D 43.9875 Mhz

* The VFO has a output of 5.5~5.0 Mhz, so you can check its output with a scope or counter.

* Check the display for each Mode as well since the Rx/Tx frequency is offset for the selected operating mode. There are three crystals providing the mode offset frequency as follows.

o LSB 8986 Khz

o USB, CW (Rx) 8989 Khz

o CW(TX), AM(TX) 8988.3 Khz

* Make sure the "Fix" switch is not selected as with no fixed crystal installed for the band, there will be no reference input to the mixer.

I sincerely hope this info is helpful. If all else fails, I would be happy to troubleshoot the rig for you.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

810. Re: [FT-707] Re:FT-707 repair

Yahoo group: FT-707
Date: 2010-01-02 22:13:37 UTC
From: Rob Carter
Topic: 805 Message: 810

Hi Dave,
Thanks for such a clear and consise summary of the FT707 operation and trouble shooting. I used the de oxit when i was in the trade.. seemed like a really good product :) Will cut n paste that away somewhere for when i come to repair my 707. Mine has distorted Tx audio. Yukky problem !

Thanks again and all the best for 2010,

Rob

----- Original Message -----
From: Phillips, Dave (AZ15)
To: FT-707@yahoogroups.com
Sent: Sunday, January 03, 2010 8:45 AM
Subject: [FT-707] Re:FT-707 repair

Russ

I have repaired, revived or resuscitated several FT-707's over the years, and find this problem to be quite common. When the basic inputs to the FT-707 mixer fail, the digital readout will typically display a frequency in the 90 Mhz range. Normally, this problem is very easy to troubleshoot, as follows;

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o 30 24.4875 Mhz

o 20 28.4875 Mhz

o 17 32.4875 Mhz

o 15 35.4875 Mhz

o 12 38.9875 Mhz

o 10A 42.4875 Mhz

o 10B 42.9875 Mhz

o 10C 43.4875 Mhz

o 10D 43.9875 Mhz

* The VFO has a output of 5.5~5.0 Mhz, so you can check its output with a scope or counter.

* Check the display for each Mode as well since the Rx/Tx frequency is offset for the selected operating mode. There are three crystals providing the mode offset frequency as follows.

o LSB 8986 Khz

o USB, CW (Rx) 8989 Khz

o CW(TX), AM(TX) 8988.3 Khz

* Make sure the "Fix" switch is not selected as with no fixed crystal installed for the band, there will be no reference input to the mixer.

I sincerely hope this info is helpful. If all else fails, I would be happy to troubleshoot the rig for you.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.725 / Virus Database: 270.14.124/2596 - Release Date: 01/01/10 22:20:00

[Non-text portions of this message have been removed]

811. RE: POWER BOOST AND CW/SSB NARROW FILTERS

Yahoo group: FT-707
Date: 2010-01-03 22:03:42 UTC
From: Dr. Esteban Wilson
Topic: 811 Message: 811

Dear Friends,

Is there a mod or final transistor swap that will give me a decent power boost for mobile ops?

Also, does somebody have the narrow CW or SSB filters that they would consider selling?

Thanks in advance.

Steve, XE1UFO a.k.a. KA5SUT

812. Re: [FT-707] RE: POWER BOOST AND CW/SSB NARROW FILTERS

Yahoo group: FT-707
Date: 2010-01-03 22:42:30 UTC
From: Alexander Almonte
Topic: 811 Message: 812

Hi Doc,
Try this website, http://www.qth.com/inrad/ . You can find there the alternate filters for Yaesu FT-707.

Best regards,

Alexander Almonte

--- On Mon, 4/1/10, Dr. Esteban Wilson <xe1ufo@...> wrote:

From: Dr. Esteban Wilson <xe1ufo@...>
Subject: [FT-707] RE: POWER BOOST AND CW/SSB NARROW FILTERS
To: FT-707@yahoogroups.com
Date: Monday, 4 January, 2010, 6:03 AM

Dear Friends,

Is there a mod or final transistor swap that will give me a decent power boost for mobile ops?

Also, does somebody have the narrow CW or SSB filters that they would consider selling?

Thanks in advance.

Steve, XE1UFO a.k.a. KA5SUT

Get your preferred Email name!
Now you can @... and @....
http://mail.promotions.yahoo.com/newdomains/aa/

[Non-text portions of this message have been removed]

813. Re: POWER BOOST AND CW/SSB NARROW FILTERS

Yahoo group: FT-707
Date: 2010-01-03 23:34:11 UTC
From: Dr. Esteban Wilson
Topic: 811 Message: 813

Thanks, Alexander Almonte!!

Steve, XE1UFO a.k.a. KA5SUT

814. Re: [FT-707] Low Power Output

Yahoo group: FT-707
Date: 2010-01-05 02:59:59 UTC
From: Zachary Stauffer
Topic: 807 Message: 814

sounds like the internal amplifier has blown transistors

--- On Sat, 1/2/10, utinsay <utinsay@...> wrote:

From: utinsay <utinsay@....au>
Subject: [FT-707] Low Power Output
To: FT-707@yahoogroups.com
Date: Saturday, January 2, 2010, 6:54 AM

Hi, I have purchased 2 FT707!
Both appear to be putting out less than 20 watts according to the reading on my Kenwood AT20 antenna tuner. I would be interested to
receive comments from those who have experienced similar problems.
Also how many LEDS have to light up in order to show 100w output?
i.e. with the ALG button not depressed. Thanks to all!

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

815. Re:FT-707 repair

Yahoo group: FT-707
Date: 2010-01-05 10:59:34 UTC
From: circuitbrnr
Topic: 805 Message: 815

I appreciate that info.
Upon cleaning the multiprongs with de-oxit gold, I came upon pb-2099 AVR board.
I dismounted it and examined it closely.
It had two burned traces on its foil.
I repaired the traces by using two short wires cut to exact length and neatly laid against the board soldered into position yo complete the circuit.
On power up, Im still getting 91 mhz on the display, and when I checked the voltages coming off the pins on the edge of the board, only two locations had any voltages.

the pin labeled 13.5v in had 13.6
none of the 8v pins had any volts.
and one other pin, "counter" had around 11.5v.
All other pins only carried trace voltages or none at all.
So its looking like im missing 8 volts from this board.
This would kill the VFO since it uses 8 volts?
Or anything using 8 volts for that matter ... there are no LEDs for mark, vox, clar, or S-meter that light up at all.
Not even the clar LED when button is pushed.
Seems like the AVR board need rebuilding?
That one looks pretty strait-forward, and workable at least!
Does this make sense ?
THanks again!

Russ KF5DPO

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@...> wrote:
>
>
>
> Russ
>
>
>
> I have repaired, revived or resuscitated several FT-707's over the
> years, and find this problem to be quite common. When the basic inputs
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> connector and clean the pins. The time spent will be well worth it as
> this usually resolves most solid as well as intermittent FT-707
> problems.
>
> * Check the display readout for each band. Since each band has
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> more are working correctly, and you can focus on the one(s) that don't.
> These oscillators are located on the AF unit and have the following
> output frequencies.
>
> o 80 17.9845 Mhz
>
> o 40 21.4845 Mhz
>
> o 30 24.4875 Mhz
>
> o 20 28.4875 Mhz
>
> o 17 32.4875 Mhz
>
> o 15 35.4875 Mhz
>
> o 12 38.9875 Mhz
>
> o 10A 42.4875 Mhz
>
> o 10B 42.9875 Mhz
>
> o 10C 43.4875 Mhz
>
> o 10D 43.9875 Mhz
>
>
>
> * The VFO has a output of 5.5~5.0 Mhz, so you can check its
> output with a scope or counter.
>
> * Check the display for each Mode as well since the Rx/Tx
> frequency is offset for the selected operating mode. There are three
> crystals providing the mode offset frequency as follows.
>
> o LSB 8986 Khz
>
> o USB, CW (Rx) 8989 Khz
>
> o CW(TX), AM(TX) 8988.3 Khz
>
> * Make sure the "Fix" switch is not selected as with no fixed
> crystal installed for the band, there will be no reference input to the
> mixer.

>
>
>
> I sincerely hope this info is helpful. If all else fails, I would be
> happy to troubleshoot the rig for you.
>
>
>
> Regards
>
>
> Dave
>
> KB7JS
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

816. Re: [FT-707] Low Power Output

Yahoo group: FT-707
Date: 2010-01-05 14:45:24 UTC
From: Kb3hg@aol.com
Topic: 807 Message: 816

One simple question, how much current are you drawing at twenty watts?

-----Original Message-----
From: Zachary Stauffer <moonshiner180@...>
To: FT-707@yahoogroups.com
Sent: Mon, Jan 4, 2010 9:59 pm
Subject: Re: [FT-707] Low Power Output

sounds like the internal amplifier has blown transistors
--- On Sat, 1/2/10, utinsay <utinsay@...> wrote:
From: utinsay <utinsay@...>
ubject: [FT-707] Low Power Output
o: FT-707@yahoogroups.com
ate: Saturday, January 2, 2010, 6:54 AM
Hi, I have purchased 2 FT707!
oth appear to be putting out less than 20 watts according to the reading on my
enwood AT20 antenna tuner. I would be interested to
eceive comments from those who have experienced similar problems.
lso how many LEDS have to light up in order to show 100w output?
.e. with the ALG button not depressed. Thanks to all!

Yaesu-Musen Radios: Quality all around!
Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!
Yahoo! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

817. Re: CW filter

Yahoo group: FT-707
Date: 2010-01-05 20:17:07 UTC
From: john_hague@btinternet.com
Topic: 782 Message: 817

Sorry for the late reply. Mine does exactly the same thing... I bought mine at Christmas and was about to post a question about this same thing!!

Best 73,
John, G4GOY

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> On 12/16/09, ollieoxen27 <ollieoxen27@...> wrote:
> >
> >
> >
> >
> >
> >
> > My 707 has the optional CW filter. Two things I have noticed: When I switch the optional CW filter on during a QSO the power output drops considerable and the Drive control must be turned up. Also the radio's sensitivity doesn't seem as good requiring the RF Gain to be turned up.
> >
>
> mine does just the same, but I can go to full output by turning the
> CAR knob a bit.
> In RX mode the S-meter indication is generally a bit lower with the
> narrow filter, but I always get better S/N ratio, so I don't care too
> much about it.
>
> best 73
> Francesco IZ8DWF
>

818. Low Power Output

Yahoo group: FT-707
Date: 2010-01-06 04:00:54 UTC
From: utinsay
Topic: 807 Message: 818

Thanks for the question.

The power supply indicates a rise of about 2.5 amps during transmission.
Which gives a total of 3.5 amps
Regards, Brian

819. Re: CW filter

Yahoo group: FT-707
Date: 2010-01-06 11:21:17 UTC
From: Ian McGowan
Topic: 782 Message: 819

Hello Francesco and John,
The reduction of power (in both directions) when switching in the "CW-N" 500Hz filter is quite normal and to be expected when reducing the bandwidth when the filter is present in both the Tx and Rx signal paths. Both my rigs are exactly the same and have always been so.

Hope that clears up your concerns,

HNY, 73 de Ian, G8OFZ.

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 9.0.725 / Virus Database: 270.14.126/2602 - Release Date: 01/05/10 19:35:00

[Non-text portions of this message have been removed]

820. Re: [FT-707] Low Power Output

Yahoo group: FT-707
Date: 2010-01-06 15:44:35 UTC
From: Kb3hg@aol.com
Topic: 807 Message: 820

Brian,
I'm having trouble locating my 707 documents, so more questions.
When you measured the current draw was the radio connected to a dummy load or antenna?
If so, was there a SWR bridge connected from the radio to the load? I seem to remember some type of current fold back protection.did
your PO indicator on the radio illuminate all the bars? did you use the MOX switch or key the radio via key or PTT switch.
The power meter external or internal and how far was the Carrier advanced?

Tom
Kb3hg

Subject: [FT-707] Low Power Output

Thanks for the question.

The power supply indicates a rise of about 2.5 amps during transmission.
Which gives a total of 3.5 amps
Regards, Brian

[Non-text portions of this message have been removed]

821. FT-707 and Psk-31

Yahoo group: FT-707
Date: 2010-01-06 15:56:15 UTC
From: w0cbf@yahoo.com
Topic: 821 Message: 821

This question probably has been raised before but since I have only owned the 707 for about a month I need to ask it.

Is the 707 stable enough to use for PSK-31???

Thanks for the help
WØCBF

822. Re: [FT-707] FT-707 and Psk-31

Yahoo group: FT-707
Date: 2010-01-06 16:20:20 UTC
From: Kb3hg@aol.com
Topic: 821 Message: 822

it ought to be let it warm up and stabilize, mine has been used for RTTY and never had a complaint about drift from contacts. just watch your output power levels. since it is digital it will show low output using an analog meter since most are averaging. watch you current draw you will think you have blown your finals seeing 20+ amps and about 20 watts out.
tom

-----Original Message-----
From: w0cbf@...
To: FT-707@yahoogroups.com
Sent: Wed, Jan 6, 2010 10:56 am
Subject: [FT-707] FT-707 and Psk-31

This question probably has been raised before but since I have only owned the 707 for about a month I need to ask it.

Is the 707 stable enough to use for PSK-31???

Thanks for the help
WØCBF

[Non-text portions of this message have been removed]

823. Re: [FT-707] FT-707 and Psk-31

Yahoo group: FT-707
Date: 2010-01-06 16:08:37 UTC
From: francesco messineo
Topic: 821 Message: 823

On 1/6/10, w0cbf@... <w0cbf@...> wrote:
>
>
>
>
>
>
> This question probably has been raised before but since I have only owned the 707 for about a month I need to ask it.
>
> Is the 707 stable enough to use for PSK-31???
>

I worked about one hundred contacts in PSK-31 with the 707S (10W version). Mine drifts a bit after one hour warm-up period but can be corrected by hand or software at each over.
The VFO drift can be different in other 707's anyway.
best 73
Frank IZ8DWF

824. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-06 22:38:23 UTC
From: utinsay
Topic: 807 Message: 824

Hi Tom, The radio was connected to a diple antenna via a Kenwood AT180
antenna tuner. The power indicator illuminated about 3.5 bars
I did not use the mox switch. I pressed the ptt switch and blew into the mike to get what
output I could. The carrier was fully counter clockwise. As a means of being able to
measure the current during transmission I purchased a new power supply with a current
measuring
meter. The new ps was giving off fumes as a result of being used for the first time.
Because of this I decided to leave everyting switched
on for some time. When I returned, about an hour later, triggered
the PTT and blew into the mike I found that the current drawn had risen to 8 amps. However,
some twenty minutes later when I repeated the procedure the current had dropped back to
about 2.5 amps and the
antenna tuner indicated an output of anout 10 watts,
Thanks for your interest Brian

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
> Brian,
> I'm having trouble locating my 707 documents, so more questions.
> When you measured the current draw was the radio connected to a dummy load or antenna?
> If so, was there a SWR bridge connected from the radio to the load? I seem to remember
some type of current fold back protection.did
> your PO indicator on the radio illuminate all the bars? did you use the MOX switch or key
the radio via key or PTT switch.
> The power meter external or internal and how far was the Carrier advanced?
>
> Tom
> Kb3hg
>
>
>
>
>
>
>
>
>
> Subject: [FT-707] Low Power Output
>
>
> Thanks for the question.
>
> The power supply indicates a rise of about 2.5 amps during transmission.
> Which gives a total of 3.5 amps

> Regards, Brian
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

825. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-07 17:51:49 UTC
From: Phillips, Dave (AZ15)
Topic: 807 Message: 825

Brian, Tom

Check the ALC indication. The FT-707 is protected by Automatic Level Control (ALC) to prevent damage to the final's. However, it does not rely on reflected power directly, instead it relies on the temperature of the finals as an indication of current draw. This is done by using a varistor that is placed physically against one of the final transistors. It is difficult to see because it is usually hidden by the silicon heat transfer paste. The varistor drives a sampling amplifier on the HPF module that in turn drives the ALC circuit to reduce drive to the finals to prevent them from overheating. If the varistor is bad, you could be driving too much ALC.

Of course, if you keep pushing, there is a delay in the hysteresis of this circuit, so you can still damage them. BTW, the same circuit also drives the PA fan, which MUST be working to keep the finals from turning to black smoke.

Honeywell
Honeywell Process Solutions

Dave Phillips
Principal Software Engineer
Batch Solutions
2500 W. Union Hills Dr. (602 313-5057
Mail Stop AZ16 / P19 FAX: 602 313-3211
Phoenix, AZ 85027
-mailto:dave.l.phillips@...
<mailto:dave.l.phillips@...>

[Non-text portions of this message have been removed]

826. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-07 20:45:02 UTC
From: utinsay
Topic: 807 Message: 826

Hi, Thanks for your comments.
I gather from the manual that the fan only kicks in when the temperature reaches 36 deg .
We had a 36 deg ,give or take 1 deg,
night recently but the fan did not work. Your comments please.
Regards, Brian

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@...> wrote:
>
>
>
> Brian, Tom
>
>
>
> Check the ALC indication. The FT-707 is protected by Automatic Level
> Control (ALC) to prevent damage to the final's. However, it does not
> rely on reflected power directly, instead it relies on the temperature
> of the finals as an indication of current draw. This is done by using a
> varistor that is placed physically against one of the final transistors.
> It is difficult to see because it is usually hidden by the silicon heat
> transfer paste. The varistor drives a sampling amplifier on the HPF
> module that in turn drives the ALC circuit to reduce drive to the finals
> to prevent them from overheating. If the varistor is bad, you could be
> driving too much ALC.
>
>
>
> Of course, if you keep pushing, there is a delay in the hysteresis of
> this circuit, so you can still damage them. BTW, the same circuit also
> drives the PA fan, which MUST be working to keep the finals from turning
> to black smoke.
>
>
>
> Honeywell
> Honeywell Process Solutions
>
> Dave Phillips
> Principal Software Engineer
> Batch Solutions
> 2500 W. Union Hills Dr. (602 313-5057
> Mail Stop AZ16 / P19 FAX: 602 313-3211
> Phoenix, AZ 85027
> -mailto:dave.l.phillips@...
> <mailto:dave.l.phillips@...>

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

827. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-07 23:15:10 UTC
From: utinsay
Topic: 807 Message: 827

PS
When the ALC is depressed the leds light as far as they can go. The ALC indicator goes into the red zone. Please tell me. What is the idea of the ALC switch? Why is the ALC not operating all the time?
Why have to turn it on and off?
Regards, Brian

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@...> wrote:
>
>
>
> Brian, Tom
>
>
>
> Check the ALC indication. The FT-707 is protected by Automatic Level
> Control (ALC) to prevent damage to the final's. However, it does not
> rely on reflected power directly, instead it relies on the temperature
> of the finals as an indication of current draw. This is done by using a
> varistor that is placed physically against one of the final transistors.
> It is difficult to see because it is usually hidden by the silicon heat
> transfer paste. The varistor drives a sampling amplifier on the HPF
> module that in turn drives the ALC circuit to reduce drive to the finals
> to prevent them from overheating. If the varistor is bad, you could be
> driving too much ALC.
>
>
>
> Of course, if you keep pushing, there is a delay in the hysteresis of
> this circuit, so you can still damage them. BTW, the same circuit also
> drives the PA fan, which MUST be working to keep the finals from turning
> to black smoke.
>
>
>
> Honeywell
> Honeywell Process Solutions
>
> Dave Phillips
> Principal Software Engineer
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> 2500 W. Union Hills Dr. (602 313-5057
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> Phoenix, AZ 85027
> -mailto:dave.l.phillips@...

> <mailto:dave.l.phillips@...>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

828. Re: [FT-707] Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-08 07:41:04 UTC
From: francesco messineo
Topic: 807 Message: 828

On 1/8/10, utinsay <utinsay@...> wrote:
>
>
>
>
>
>
>
> PS
> When the ALC is depressed the leds light as far as they can go. The ALC indicator goes into the red zone. Please tell me. What is the idea of the ALC switch? Why is the ALC not operating all the time?

ALC operates all the time. Depressing the ALC switch just displays the
ALC voltage and it must not go more than the green leds (for correct
operations). The ALC voltage is always there and can't be disabled by
front switches on the 707.
Best 73
Francesco IZ8DWF

> Why have to turn it on and off?
> Regards, Brian
>
> --- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@...> wrote:
> >
> >
> >
> > Brian, Tom
> >
> >
> >
> > Check the ALC indication. The FT-707 is protected by Automatic Level
> > Control (ALC) to prevent damage to the final's. However, it does not
> > rely on reflected power directly, instead it relies on the temperature
> > of the finals as an indication of current draw. This is done by using a
> > varistor that is placed physically against one of the final transistors.
> > It is difficult to see because it is usually hidden by the silicon heat
> > transfer paste. The varistor drives a sampling amplifier on the HPF
> > module that in turn drives the ALC circuit to reduce drive to the finals
> > to prevent them from overheating. If the varistor is bad, you could be
> > driving too much ALC.
> >
> >
> >
> > Of course, if you keep pushing, there is a delay in the hysteresis of

> > this circuit, so you can still damage them. BTW, the same circuit also
> > drives the PA fan, which MUST be working to keep the finals from turning
> > to black smoke.
> >
> >
> >
> > Honeywell
> > Honeywell Process Solutions
> >
> > Dave Phillips
> > Principal Software Engineer
> > Batch Solutions
> > 2500 W. Union Hills Dr. (602 313-5057
> > Mail Stop AZ16 / P19 FAX: 602 313-3211
> > Phoenix, AZ 85027
> > -mailto:dave.l.phillips@...
> > <mailto:dave.l.phillips@...>
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
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>
>

829. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-09 04:22:40 UTC
From: Phillips, Dave (AZ15)
Topic: 807 Message: 829

Brian

I hope you mean 36 Degrees Centigrade.

Although you may have had an ambient temperature in this range that does not mean the final transistors got that hot, especially since they have the ability to dissipate a considerable amount of heat by mechanical convection through the metal heat sink. Also, the varistor has a +- tolerance of about 15%, so it is not that accurate. The important thing is that the fan should run if you transmit CW key down for about 1 to 2 minutes. If it does not, then I would suspect there is a problem in the fan circuit or the ALC amp.

You did not mention the ALC meter reading. If the circuit is actually doing its job and is reducing drive to the finals, the ALC meter display should be significant. If so, then I would look at opening up the radio to replace the varistor on the PA module. However, if the ALC is not registering on the meter, I would suspect a bad component in the ALC amp on the HPF module, which is mounted inside a self-contained sub-chassis inside the radio, directly in front of the PA Module. To work on either item, you must remove the PA module from the radio.

Replacing the varistor on the PA module is a semi-delicate operation, but not "open heart surgery", especially if you carefully follow these steps.

1. Remove both top and bottom covers.
2. Remove back plate covering the fan on PA module
3. Remove 4 long screws holding PA module to main chassis
4. Carefully pull PA module from chassis. Note how wires are routed and their connection points as you may have to disconnect them allow the PA module to be turned 90 degrees sideways so you can work on it.
5. Remove 4 screws holding cover over the PA module circuit board.
6. Locate the varistor. It is connected to two points on one corner of the PA module circuit board. The varistor itself is about the size of a ¼ watt resistor, laid out on top of one of the final transistors. It is typically buried in the silicon heat transfer paste one of the final transistors.
7. After replacing the varistor, carefully reassemble the PA module and install it in the main chassis, taking care to not pinch the B+ and Ground against the HPF module inside the main chassis. Also, make sure the fan cable and both RF cables are reconnected correctly.

As an off-hand thought, is your radio really an FT-707, and not an FT-707S? The "S" model is a QRP radio, so the power out you are seeing would be normal, and it does not have the same ALC/Fan control circuit.

I have repaired, resuscitated or revived several FT-707's over the years and am pretty proficient working on them. I would be happy to troubleshoot your FT-707 for you if you are not comfortable with these steps.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

830. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-09 04:39:05 UTC
From: Phillips, Dave (AZ15)
Topic: 807 Message: 830

Brian

I apologize, I did not read all of your message.

A high ALC level could be the result of a bad varistor on the PA module, but could also be the result of a very bad antenna connection. If the ALC (Automatic Level Control) is driving the meter full scale, then it is reducing the drive to the finals to protect them from damage. The ALC button on the front panel is used only to select the meter to display ALC level instead of sampled output power. You cannot actually turn this feature off. To do so risks immediate failure of the final transistors, typically by letting the magic puff of smoke out.

A good practice is to make absolutely sure that the transmission line is working properly. I would strongly suggest that you eliminate the Kenwood ATU and test the radio on a good 100 watt dummy load.

Another thought, does this radio have a history of use on 11 Meters? I have found that 11 meter Op's, without any real understanding of what they are doing, have a tendency to fuss around with their radios to try to get more power from them. There is a procedure for adjusting the ALC circuit to function properly, but some idiots will attempt to adjust this circuit to allow more power to compensate for a bad antenna. This usually destroys the final transistors, but in your case, there is a possibility that the adjustment was made in the belief that more ALC on the meter is better, which would be the wrong direction. Remember, the ALC circuit is designed to protect your radio from damage, and I don't advocate that you fool with this adjustment unless you really know what you are doing. I strongly recommend that this adjustment should be made by a knowledgeable technician with the proper test equipment.

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

831. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-10 03:54:40 UTC
From: utinsay
Topic: 807 Message: 831

Sorry Dave, I see you are in Phoenix. I could do with some advice on soldering. I can see I will have to replace my existing soldering iron. Would you please give my your recommendation as to what is your
preferred type for me to use on the 707 boards. Such as variable
temperature, wattage, even brand etc. Those I have on hand are way behind the times.
Regards, Brian VK3VAB

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@...> wrote:
>
>
>
> Brian
>
>
>
> I apologize, I did not read all of your message.
>
>
>
> A high ALC level could be the result of a bad varistor on the PA module,
> but could also be the result of a very bad antenna connection. If the
> ALC (Automatic Level Control) is driving the meter full scale, then it
> is reducing the drive to the finals to protect them from damage. The
> ALC button on the front panel is used only to select the meter to
> display ALC level instead of sampled output power. You cannot actually
> turn this feature off. To do so risks immediate failure of the final
> transistors, typically by letting the magic puff of smoke out.
>
>
>
> A good practice is to make absolutely sure that the transmission line is
> working properly. I would strongly suggest that you eliminate the
> Kenwood ATU and test the radio on a good 100 watt dummy load.
>
>
>
> Another thought, does this radio have a history of use on 11 Meters? I
> have found that 11 meter Op's, without any real understanding of what
> they are doing, have a tendency to fuss around with their radios to try
> to get more power from them. There is a procedure for adjusting the ALC
> circuit to function properly, but some idiots will attempt to adjust
> this circuit to allow more power to compensate for a bad antenna. This
> usually destroys the final transistors, but in your case, there is a
> possibility that the adjustment was made in the belief that more ALC on
> the meter is better, which would be the wrong direction. Remember, the

> ALC circuit is designed to protect your radio from damage, and I don't
> advocate that you fool with this adjustment unless you really know what
> you are doing. I strongly recommend that this adjustment should be made
> by a knowledgeable technician with the proper test equipment.
>
>
> Regards
>
>
> Dave
>
> KB7JS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

832. Re:FT-707 repair

Yahoo group: FT-707
Date: 2010-01-10 01:07:36 UTC
From: kb7js
Topic: 805 Message: 832

Russ

The AVR provides regulated 13.5 and 8 volt supplies for the whole radio, and it sounds like the 8-volt regulator on yours if bad. It is a uPC14308 3-pin IC. However, it is unlikely that the failure was local to the AVR, but was caused by a short or excessive current draw by another component.

So, before you just change the 8-volt regulator chip only to have it go up in smoke again, it is important to note which two traces were burned, because they may indicate what caused the faiure. To do this, think about where the 8-volt supply is used, then check these loads to make sure you dont have a short.

The 8-volt supply is switched on the AVR to divide it into seperate circuits for receive and transmit. The individual 8-volt circuits loads are;

Unswitched 8-volts - IF Unit (J2002 Pin 11), AF Unit (J3006 pins 3->13)via Band Switch S3B, External VFO connection (Pin 4), Switch Unit on front Panel (Clarifier and Mark switches), and Level Meter Unit via R6 (4.7 ohms), through the External VFO Switch to the RF Unit (J1005 pin 5), External VFO Connetor (Pin 5), and through teh FIX switch to the VFO Unit (J4301 pin 2).

8-Volts Receive - AF Unit (J3003 pin 1), IF Unit (J2001 pin 11), Noise Blanker Switch.

8-Volts Transmit - IF Unit (J2003 pin 1), External VFO connector Pin 2.

I have seen this circuit fail once before after someone tried to use the 8-volt utility power form the External VFO connector to drive another accessory, so maybe that is what happened to your radio.
Note also that a seperate uPC14308 IC provides 8-volts for the Lams and the accesory connector on the back panel. This Regulator IC is mounted to the chassis directly behind the front panel.

--- In FT-707@...m, "circuitbrnr" <circuitbrnr@...> wrote:
>
> I appreciate that info.
> Upon cleaning the multiprongs with de-oxit gold, I came upon pb-2099 AVR board.
> I dismounted it and examined it closely.
> It had two burned traces on its foil.
> I repaired the traces by using two short wires cut to exact length and neatly laid against the board soldered into position yo complete the circuit.
> On power up, Im still getting 91 mhz on the display, and when I checked the voltages coming off the pins on the edge of the board, only two locations had any voltages.
>
> the pin labeled 13.5v in had 13.6
> none of the 8v pins had any volts.
> and one other pin, "counter" had around 11.5v.
> All other pins only carried trace voltages or none at all.

> So its looking like im missing 8 volts from this board.
> This would kill the VFO since it uses 8 volts?
> Or anything using 8 volts for that matter ... there are no LEDs for mark, vox, clar, or S-meter that light up at all.
> Not even the clar LED when button is pushed.
> Seems like the AVR board need rebuilding?
> That one looks pretty strait-forward, and workable at least!
> Does this make sense ?
> THanks again!
>
> Russ KF5DPO
>
> --- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@> wrote:
> >
> >
> >
> > Russ
> >
> >
> >
> > I have repaired, revived or resuscitated several FT-707's over the
> > years, and find this problem to be quite common. When the basic inputs
> > to the FT-707 mixer fail, the digital readout will typically display a
> > frequency in the 90 Mhz range. Normally, this problem is very easy to
> > troubleshoot, as follows;
> >
> >
> >
> > * The most common cause for this problem is oxidized contacts.
> > The FT-707 is a modular radio with interconnects between the major
> > functional components, and the connectors are subject to oxidization of
> > their contacts, especially when stored for a prolonged period. I
> > recommend that you get yourself some De-oxit and carefully remove each
> > connector and clean the pins. The time spent will be well worth it as
> > this usually resolves most solid as well as intermittent FT-707
> > problems.
> >
> > * Check the display readout for each band. Since each band has
> > its own local oscillator crystal, the display should change if one or
> > more are working correctly, and you can focus on the one(s) that don't.
> > These oscillators are located on the AF unit and have the following
> > output frequencies.
> >
> > o 80 17.9845 Mhz
> >
> > o 40 21.4845 Mhz
> >
> > o 30 24.4875 Mhz
> >
> > o 20 28.4875 Mhz

> >
> > o 17 32.4875 Mhz
> >
> > o 15 35.4875 Mhz
> >
> > o 12 38.9875 Mhz
> >
> > o 10A 42.4875 Mhz
> >
> > o 10B 42.9875 Mhz
> >
> > o 10C 43.4875 Mhz
> >
> > o 10D 43.9875 Mhz
> >
> >
> >
> > * The VFO has a output of 5.5~5.0 Mhz, so you can check its
> > output with a scope or counter.
> >
> > * Check the display for each Mode as well since the Rx/Tx
> > frequency is offset for the selected operating mode. There are three
> > crystals providing the mode offset frequency as follows.
> >
> > o LSB 8986 Khz
> >
> > o USB, CW (Rx) 8989 Khz
> >
> > o CW(TX), AM(TX) 8988.3 Khz
> >
> > * Make sure the "Fix" switch is not selected as with no fixed
> > crystal installed for the band, there will be no reference input to the
> > mixer.
> >
> >
> >
> > I sincerely hope this info is helpful. If all else fails, I would be
> > happy to troubleshoot the rig for you.
> >
> >
> >
> > Regards
> >
> >
> > Dave
> >
> > KB7JS
> >
> >
> >

> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

833. Re: Low Power Output

Yahoo group: FT-707
Date: 2010-01-10 00:21:07 UTC
From: utinsay
Topic: 807 Message: 833

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ15)" <dave.l.phillips@...> wrote:
>

Thanks very much Dave, The ALC display goes all the way into the "Red zone" This is the first time I have had anything to do with transceivers and what puzzles me is that when I reduce the RF i.e.turn it anticlockwise during receive hhe LED display increades to the point of going into the red zone. It is not branded as an S model abd during the epasode that it got hot, for a while, the current drain was 8amp and the meter on the Kenwood AT180 P/S read 100 watts. So I thng it is a stock standard 707. Thanks for your offer to help, but I think we may live some many miles apart. As a matter of interest where are you located? I am in Blackburn Australia. Any way your comments have been most helpful and I thank you again.
Regards,
>
> Brian, VK3VAB
>
>
>
> I hope you mean 36 Degrees Centigrade.
>
>
>
> Although you may have had an ambient temperature in this range that does not mean the final transistors got that hot, especially since they have the ability to dissipate a considerable amount of heat by mechanical convection through the metal heat sink. Also, the varistor has a +- tolerance of about 15%, so it is not that accurate. The important thing is that the fan should run if you transmit CW key down for about 1 to 2 minutes. If it does not, then I would suspect there is a problem in the fan circuit or the ALC amp.
>
>
>
> You did not mention the ALC meter reading. If the circuit is actually doing its job and is reducing drive to the finals, the ALC meter display should be significant. If so, then I would look at opening up the radio to replace the varistor on the PA module. However, if the ALC is not registering on the meter, I would suspect a bad component in the ALC amp on the HPF module, which is mounted inside a self-contained sub-chassis inside the radio, directly in front of the PA Module. To work on either item, you must remove the PA module from the radio.
>
>
>
> Replacing the varistor on the PA module is a semi-delicate operation, but not "open heart surgery", especially if you carefully follow these steps.
>
>

>
> 1. Remove both top and bottom covers.
> 2. Remove back plate covering the fan on PA module
> 3. Remove 4 long screws holding PA module to main chassis
> 4. Carefully pull PA module from chassis. Note how wires are routed and their connection points as you may have to disconnect them allow the PA module to be turned 90 degrees sideways so you can work on it.
> 5. Remove 4 screws holding cover over the PA module circuit board.
> 6. Locate the varistor. It is connected to two points on one corner of the PA module circuit board. The varistor itself is about the size of a ¼ watt resistor, laid out on top of one of the final transistors. It is typically buried in the silicon heat transfer paste one of the final transistors.
> 7. After replacing the varistor, carefully reassemble the PA module and install it in the main chassis, taking care to not pinch the B+ and Ground against the HPF module inside the main chassis. Also, make sure the fan cable and both RF cables are reconnected correctly.
>
>
>
> As an off-hand thought, is your radio really an FT-707, and not an FT-707S? The "S" model is a QRP radio, so the power out you are seeing would be normal, and it does not have the same ALC/Fan control circuit.
>
>
>
> I have repaired, resuscitated or revived several FT-707's over the years and am pretty proficient working on them. I would be happy to troubleshoot your FT-707 for you if you are not comfortable with these steps.
>
>
> Regards
>
>
> Dave
>
> KB7JS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

834. FT-707 AVR board ?

Yahoo group: FT-707
Date: 2010-01-18 14:21:04 UTC
From: jeffbrown.geo
Topic: 834 Message: 834

Hi. I recently got an old fixer upper Yaesu FT-707 and am having a problem. There's hardly any output on transmit and the AVR board area started smoking when I transmitted CW. I was seeing if my small 3 amp supply could get a watt or two out of the rig just to test the transmitter. That was maybe a bad idea. It receives OK, actually quite well and for the price it was worth if for the receiver alone. The service manual had some ideas but not too many and I just wondered if anyone else had any. Thanks to everyone for reading, I appreciate your input.

835. Re: FT-707 AVR board ?

Yahoo group: FT-707
Date: 2010-01-20 14:09:27 UTC
From: circuitbrnr@hotmail.com
Topic: 834 Message: 835

Check you AVR board traces for burning.
Its a pretty simple circuit, and none of the parts are exceedingly rare either. Im in process of stripping and rebuilding mine with new semiconductors and capacitors.
When they smoke, its never good.
Thankfully the parts arent expensive to completely rebuild the AVR.

--- In FT-707@yahoogroups.com, "jeffbrown.geo" <jeffbrone@...> wrote:
>
> Hi. I recently got an old fixer upper Yaesu FT-707 and am having a problem. There's hardly any output on transmit and the AVR board area started smoking when I transmitted CW. I was seeing if my small 3 amp supply could get a watt or two out of the rig just to test the transmitter. That was maybe a bad idea. It receives OK, actually quite well and for the price it was worth if for the receiver alone. The service manual had some ideas but not too many and I just wondered if anyone else had any. Thanks to everyone for reading, I appreciate your input.
>

836. Re: FT-707 AVR board ?

Yahoo group: FT-707
Date: 2010-01-24 22:32:55 UTC
From: jeffbrown.geo
Topic: 834 Message: 836

Thanks. I found out that the burning was a resistor that went from the relay on the AVR board to the 13.5V TX post. One of the wires attached to the post went straight to ground, as far as I can tell, and that caused the power to be terminated at the post burning out the resistor. I unsoldered the wire. No more burning, but I can't tell where that wire is supposed to go and I still have no CW output. I'm still working on it. Thanks for the ideas. The receiver works well, I could sell it as a project radio but I haven't quite given up yet.
Jeff

--- In FT-707@yahoogroups.com, circuitbrnr@... wrote:
>
>
> Check you AVR board traces for burning.
> Its a pretty simple circuit, and none of the parts are exceedingly rare either. Im in process of stripping and rebuilding mine with new semiconductors and capacitors.
> When they smoke, its never good.
> Thankfully the parts arent expensive to completely rebuild the AVR.
>
>
>
>
> --- In FT-707@yahoogroups.com, "jeffbrown.geo" <jeffbrone@> wrote:
> >
> > Hi. I recently got an old fixer upper Yaesu FT-707 and am having a problem. There's hardly any output on transmit and the AVR board area started smoking when I transmitted CW. I was seeing if my small 3 amp supply could get a watt or two out of the rig just to test the transmitter. That was maybe a bad idea. It receives OK, actually quite well and for the price it was worth if for the receiver alone. The service manual had some ideas but not too many and I just wondered if anyone else had any. Thanks to everyone for reading, I appreciate your input.
> >
>

837. FT707 CW filter

Yahoo group: FT-707
Date: 2010-02-16 12:58:05 UTC
From: davecossar
Topic: 837 Message: 837

Hi I'm looking for a CW filter for my old FT707 , I don't want to buy an INRAD one they are £100 , and my 707 is probably only worth £200 so it is not cost effective, so where can I get one?
The dealers just laugh at me 30years old they say...perhaps I should just sell the old rig
I do have the remote VFO as well but no PSU and they all work well ,but a CW filter would make thing easier.

I thought I could make one using 8.9985 crystals

The Passband tuning and variable bandwidth are not bad but a CW filter would be mach better.

Dave GM3WIL

838. Re: WTB: FP-707

Yahoo group: FT-707
Date: 2010-03-06 11:21:18 UTC
From: brian
Topic: 135 Message: 838

I have one I just bought and the post office dropped it and the face is broken on one side.
In your quest, If you hear of a place that has some parts, give me a shout
--- In FT-707@yahoogroups.com, "Clark Jillson" <chvjillson@...> wrote:
>
> Hi folks:
>
> Looking for a Yaesu FP-707 power supply to match my FT-707 rig.
> Please let me know if you happen to have one available to sell.
> Thanks!
>
> Clark
> KB9SJD
>

839. FT-707

Yahoo group: FT-707
Date: 2010-03-07 00:52:45 UTC
From: jeffbrown.geo
Topic: 140 Message: 839

OK, another question. I was the guy who posted the question about the AVR board a while ago. My FT-707 receives well but there is no output on any mode (not even a little amount). I realize this new problem could be many things, but I was wondering if anything jumps to mind. I hear the CW sidetone, just no output at all. Thanks!
Jeff

840. Re: FT-707

Yahoo group: FT-707
Date: 2010-03-07 10:13:27 UTC
From: g8ofz
Topic: 140 Message: 840

Not too much to go on there, Jeff, so I won't speculate but, every problem that I have ever had with the FT-707 failing to transmit has come down to relays failing in one way or another. My advice would be to chase the TX 13,5v line, and the TX 8v line, from board to board with the aid of the Power Distribution diagram in the back of the service manual.
73, Ian, G8OFZ.

--- In FT-707@yahoogroups.com, "jeffbrown.geo" <jeffbrone@...> wrote:
>
> OK, another question. I was the guy who posted the question about the AVR board a while ago. My FT-707 receives well but there is no output on any mode (not even a little amount). I realize this new problem could be many things, but I was wondering if anything jumps to mind. I hear the CW sidetone, just no output at all. Thanks!
> Jeff
>

841. Re: FT-707

Yahoo group: FT-707
Date: 2010-03-07 15:27:42 UTC
From: Patricia.
Topic: 140 Message: 841

Don't know if the FT-707 is like the FT-77, but lots of accessories ie PS, Transverter, Tuner are interchangeable. With the 77, if you are using the FTV-700 (transverter), you cable the PS to the transverter first then back to the transceiver. The 4 pin power cable then sends a signal from the transverter that cuts the DC to the finals in the transceiveer and the RF only goes out thru the RF connector, which I think is an RCA plug. It sends out about 10 mw. Check to see if you have a tiny signal on the RF connector. If you do, your problem is probably power to the finals. Just a guess...I use the RF connector with various non-yaesu transferters, and turning the finals off is relatively straight-forward. This also applies to the FT-757 series, which interchanges withe 707/77 accessories.

The 707 is such a nice - basic HF transceiver. Too good to junk.

Patricia - AB4CT

--- In FT-707@yahoogroups.com, "jeffbrown.geo" <jeffbrone@...> wrote:
>
> OK, another question. I was the guy who posted the question about the AVR board a while ago. My FT-707 receives well but there is no output on any mode (not even a little amount). I realize this new problem could be many things, but I was wondering if anything jumps to mind. I hear the CW sidetone, just no output at all. Thanks!
> Jeff
>

842. Re:FT-707

Yahoo group: FT-707
Date: 2010-03-07 19:41:14 UTC
From: Phillips, Dave (AZ75)
Topic: 140 Message: 842

Jeff

I would still suspect the AVR board, which is the supply location for the 8-volt transmit logic supply. Without it, the transmitter is dead. If the AVR board was bad in the first place, some component in the transmitter may have over-loaded or shorted the switched 8-volt transmit line, so I would want to disconnect output of that line from the AVR board first, confirm it is working, then follow the logic from there.

Do you have a service manual with schematics?

Regards

Dave

KB7JS

[Non-text portions of this message have been removed]

843. Re: WTB: FP-707

Yahoo group: FT-707
Date: 2010-03-07 19:45:39 UTC
From: Phillips, Dave (AZ75)
Topic: 135 Message: 843

Brian

First place I would look for faceplate or any other FT-707 part would be http://www.hifissb.com/ . Located in Great Britain, they are a highly regarded Ebay seller, but do not list their full inventory there, so send them an e-mail with your needs and they will get right back to you.

Good Luck

Dave

KB7JS

[Non-text portions of this message have been removed]

844. Re:FT-707

Yahoo group: FT-707
Date: 2010-03-07 22:33:53 UTC
From: jeffbrown.geo
Topic: 140 Message: 844

Thanks to all who answered. The AVR board seems to be putting out the voltage (8v TX, 13v TX, etc.). I'll keep tinkering. I have the schematic and the service manual but I may just send it to a local ham who does repairs. It's a nice radio and I'd like to get it working. Thanks again.

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ75)" <dave.l.phillips@...> wrote:
>
> Jeff
>
>
>
> I would still suspect the AVR board, which is the supply location for
> the 8-volt transmit logic supply. Without it, the transmitter is dead.
> If the AVR board was bad in the first place, some component in the
> transmitter may have over-loaded or shorted the switched 8-volt transmit
> line, so I would want to disconnect output of that line from the AVR
> board first, confirm it is working, then follow the logic from there.
>
>
>
> Do you have a service manual with schematics?
>
> Regards
>
>
> Dave
>
> KB7JS
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>
>
> [Non-text portions of this message have been removed]
>

845. Re: [FT-707] Re:FT-707

Yahoo group: FT-707
Date: 2010-03-08 08:28:51 UTC
From: francesco messineo
Topic: 140 Message: 845

Hello,
I don't know if this has already been tested, but, if you don't have any TX out, check first the RF out connector for any signal (with an oscilloscope or sensitive power meter), if there's no output there check the driver transistor on the RF unit (see schematic). It once happened to me and replacing that transistor solved the problem.

Best 73
Francesco IZ8DWF

On 3/7/10, jeffbrown.geo <jeffbrone@...> wrote:
>
>
>
>
>
>
> Thanks to all who answered. The AVR board seems to be putting out the voltage (8v TX, 13v TX, etc.). I'll keep tinkering. I have the schematic and the service manual but I may just send it to a local ham who does repairs. It's a nice radio and I'd like to get it working. Thanks again.
>
> --- In FT-707@yahoogroups.com, "Phillips, Dave (AZ75)" <dave.l.phillips@...> wrote:
> >
> > Jeff
> >
> >
> >
> > I would still suspect the AVR board, which is the supply location for
> > the 8-volt transmit logic supply. Without it, the transmitter is dead.
> > If the AVR board was bad in the first place, some component in the
> > transmitter may have over-loaded or shorted the switched 8-volt transmit
> > line, so I would want to disconnect output of that line from the AVR
> > board first, confirm it is working, then follow the logic from there.
> >
> >
> >
> > Do you have a service manual with schematics?
> >
> > Regards
> >
> >
> > Dave
> >
> > KB7JS

> >
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> > [Non-text portions of this message have been removed]
> >
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>

846. 707s

Yahoo group: FT-707
Date: 2010-03-12 01:02:51 UTC
From: Brian Ford
Topic: 846 Message: 846

Yes i have the japanese Domestic rig. I brought it from Japan. But i'm growing tired of the 5 watts output. I'm thinking i would like more power, I wonder how hard would it be to put the regular 100 watt PA on it? or should I just make me a small amp for 40? Keith.

http://sites.google.com/site/kshamradioparts/
Ham-Radio-Experimenter-subscribe@yahoogroups.com
hbhr-subscribe@yahoogroups.com

847. Re: [FT-707] 707s

Yahoo group: FT-707
Date: 2010-03-12 08:05:37 UTC
From: francesco messineo
Topic: 846 Message: 847

Hi Brian,

I have the 707S too, it's actually 10W output, so check yours for any fault first of all (not that 5W or 10W makes much difference anyway).
My 707S is just perfect for driving transverters for my VHF activities, I would never part with it.
I suggest you either make an external amp or buy a regular 707, if you like the rig, and sell the 707S. If you don't mind playing with tubes and high voltage, some tube amplifier design (grid driven) can make power in the 400W range with the 707S drive.
By the way, does anyone sell an FT-77S :-)

73
Frank IZ8DWF

On 3/12/10, Brian Ford <kf4tap@yahoo.com> wrote:
>
>
>
>
>
>
> Yes i have the japanese Domestic rig. I brought it from Japan. But i'm growing tired of the 5 watts output. I'm thinking i would like more power, I wonder how hard would it be to put the regular 100 watt PA on it? or should I just make me a small amp for 40? Keith.
>
> http://sites.google.com/site/kshamradioparts/
> Ham-Radio-Experimenter-subscribe@yahoogroups.com
> hbhr-subscribe@yahoogroups.com
>
>
>

848. Re: [FT-707] 707s / now dead finals.

Yahoo group: FT-707
Date: 2010-03-12 17:02:12 UTC
From: Brian Ford
Topic: 846 Message: 848

Ah the finals gave up the ghost, Si now I'm off to google to see how involved replacing them will be. and if the factory finals are still available. Keith.

http://sites.google.com/site/kshamradioparts/
Ham-Radio-Experimenter-subscribe@yahoogroups.com
hbhr-subscribe@yahoogroups.com

----- Original Message ----
From: francesco messineo <francesco.messineo@...>
To: FT-707@yahoogroups.com
Sent: Fri, March 12, 2010 2:05:37 AM
Subject: Re: [FT-707] 707s

Hi Brian,

I have the 707S too, it's actually 10W output, so check yours for any
fault first of all (not that 5W or 10W makes much difference anyway).
My 707S is just perfect for driving transverters for my VHF
activities, I would never part with it.
I suggest you either make an external amp or buy a regular 707, if you
like the rig, and sell the 707S. If you don't mind playing with tubes
and high voltage, some tube amplifier design (grid driven) can make
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By the way, does anyone sell an FT-77S :-)

73
Frank IZ8DWF

On 3/12/10, Brian Ford <kf4tap@...> wrote:
>
>
>
>
>
>
> Yes i have the japanese Domestic rig. I brought it from Japan. But i'm growing tired of the 5 watts output. I'm thinking i would like more power, I wonder how hard would it be to put the regular 100 watt PA on it? or should I just make me a small amp for 40? Keith.
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>
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>

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Yahoo! Groups Links

849. Re: [FT-707] 707s / now dead finals.

Yahoo group: FT-707
Date: 2010-03-12 18:59:30 UTC
From: francesco messineo
Topic: 846 Message: 849

Hi Brian,

finals for the 707S should be easy to find. I think they're almost
impossible to get damaged also, protection on the finals is very good
on this rig. Are you sure you're not having other faults, like maybe
the driver transistor?

GL es 73
Frank IZ8DWF

On 3/12/10, Brian Ford <kf4tap@yahoo.com> wrote:
>
>
>
>
>
>
> Ah the finals gave up the ghost, Si now I'm off to google to see how involved replacing
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> Ham-Radio-Experimenter-subscribe@yahoogroups.com
> hbhr-subscribe@yahoogroups.com
>
> ----- Original Message ----
> From: francesco messineo <francesco.messineo@...>
> To: FT-707@yahoogroups.com
> Sent: Fri, March 12, 2010 2:05:37 AM
> Subject: Re: [FT-707] 707s
>
> Hi Brian,
>
> I have the 707S too, it's actually 10W output, so check yours for any
> fault first of all (not that 5W or 10W makes much difference anyway).
> My 707S is just perfect for driving transverters for my VHF
> activities, I would never part with it.
> I suggest you either make an external amp or buy a regular 707, if you
> like the rig, and sell the 707S. If you don't mind playing with tubes
> and high voltage, some tube amplifier design (grid driven) can make
> power in the 400W range with the 707S drive.
> By the way, does anyone sell an FT-77S :-)
>
> 73
> Frank IZ8DWF
>
> On 3/12/10, Brian Ford <kf4tap@...> wrote:

> >
> >
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> >
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> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>

850. Re:707s

Yahoo group: FT-707
Date: 2010-03-12 19:01:56 UTC
From: Phillips, Dave (AZ75)
Topic: 846 Message: 850

Keith

The PA is easily replaced with the 100W module, which is common to the FT-707, FT-107 and FT-180. However, the FT-180 has a less sophisticated control of the SWR by simply using a temp sensor on the heat sink instead of a thermistor to drive the ALC circuit.

I was able to buy one of these last year from www.hifissb.com . They are located in Great Britain, and specialize is Yaesu, Icom and Kenwood parts. Send them a message addressed to Reinhardt and they will get back to you with availability and price.

Good Luck

Dave

KB7JS

[Non-text portions of this message have been removed]

851. Re: [FT-707] 707s / now dead finals.

Yahoo group: FT-707
Date: 2010-03-12 19:13:25 UTC
From: Brian Ford
Topic: 846 Message: 851

Well I don't, a couple of days ago it was working I was 40 using a dipole, the power was down to 3 watts. This am it wouldn't move the needle. SO i turned on the RS 390 "monitor RX " and heard no sound when i sent cq. The 707 RX is still good, so i don't think that its anything major. Keith.

http://sites.google.com/site/kshamradioparts/
Ham-Radio-Experimenter-subscribe@yahoogroups.com
hbhr-subscribe@yahoogroups.com

----- Original Message ----
From: francesco messineo <francesco.messineo@...>
To: FT-707@yahoogroups.com
Sent: Fri, March 12, 2010 12:59:30 PM
Subject: Re: [FT-707] 707s / now dead finals.

Hi Brian,

finals for the 707S should be easy to find. I think they're almost
impossible to get damaged also, protection on the finals is very good
on this rig. Are you sure you're not having other faults, like maybe
the driver transistor?

GL es 73
Frank IZ8DWF

On 3/12/10, Brian Ford <kf4tap@...> wrote:
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> Ah the finals gave up the ghost, Si now I'm off to google to see how involved replacing them will be. and if the factory finals are still available. Keith.
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> hbhr-subscribe@yahoogroups.com
>
> ----- Original Message ----
> From: francesco messineo <francesco.messineo@...>
> To: FT-707@yahoogroups.com
> Sent: Fri, March 12, 2010 2:05:37 AM
> Subject: Re: [FT-707] 707s
>
> Hi Brian,

>
> I have the 707S too, it's actually 10W output, so check yours for any
> fault first of all (not that 5W or 10W makes much difference anyway).
> My 707S is just perfect for driving transverters for my VHF
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> I suggest you either make an external amp or buy a regular 707, if you
> like the rig, and sell the 707S. If you don't mind playing with tubes
> and high voltage, some tube amplifier design (grid driven) can make
> power in the 400W range with the 707S drive.
> By the way, does anyone sell an FT-77S :-)
>
> 73
> Frank IZ8DWF
>
> On 3/12/10, Brian Ford <kf4tap@...> wrote:
> >
> >
> >
> >
> >
> >
> > Yes i have the japanese Domestic rig. I brought it from Japan. But i'm growing tired of the 5 watts output. I'm thinking i would like more power, I wonder how hard would it be to put the regular 100 watt PA on it? or should I just make me a small amp for 40? Keith.
> >
> > http://sites.google.com/site/kshamradioparts/
> > Ham-Radio-Experimenter-subscribe@yahoogroups.com
> > hbhr-subscribe@yahoogroups.com
> >
> >
> >
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

852. relay

Yahoo group: FT-707
Date: 2010-03-14 16:36:52 UTC
From: Brian Ford
Topic: 852 Message: 852

After playing some with my 707s i think the problem may be a relay (T/R) switch. It was sounding pretty clunky. Suggestions? Keith

http://sites.google.com/site/kshamradioparts/
Ham-Radio-Experimenter-subscribe@yahoogroups.com
hbhr-subscribe@yahoogroups.com

853. Transmiiter has become intermittent

Yahoo group: FT-707
Date: 2010-04-18 18:11:19 UTC
From: ollieoxen27
Topic: 853 Message: 853

The transmitter of my FT-707 has become intermittent. The relay seems to be working fine but the output no. Also it's different bands that have the problem - sometimes 17 and 15, sometimes 40 and 80. I suspect the problem is in the control circuitry between the relay and the RF stages. Has anyone else had this problem?

ab7jk

854. No RF output

Yahoo group: FT-707
Date: 2010-04-18 18:37:42 UTC
From: Graham
Topic: 854 Message: 854

Hello all

I'm new to the 707 radio , i have just aquired a sommercamp 767dx which i believe is a 707 .
After doing some homework , getting service manual , reading everything i can im still stuck .
My radio has no rf output at all , it clicks to go into tx but nothing on the power meter ,i "suspect" the pa's but not sure how to test .

Does anyone know how to test the PA unit to eliminate it ? , is there a common fault that causes no rf ?
Someone point me int he right direction in fault finding .

Any help is appreciated

Looking forward to reply's

Graham M1ATM

855. RE: [FT-707] No RF output

Yahoo group: FT-707
Date: 2010-04-18 20:42:07 UTC
From: Dave
Topic: 854 Message: 855

Hi Graham

I have an ft707 and a Sommercamp 767 which are the same radio bar slight difference in the frequency range 27-30Mhz.

I have service manuals for both - will dig them out.

73 de Dave G7HNO
-----Original Message-----
From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]On Behalf Of Graham
Sent: 18 April 2010 19:38
To: FT-707@yahoogroups.com
Subject: [FT-707] No RF output

Hello all

I'm new to the 707 radio , i have just aquired a sommercamp 767dx which i believe is a 707 .
After doing some homework , getting service manual , reading everything i can im still stuck .
My radio has no rf output at all , it clicks to go into tx but nothing on the power meter ,i "suspect" the pa's but not sure how to test .

Does anyone know how to test the PA unit to eliminate it ? , is there a common fault that causes no rf ?
Someone point me int he right direction in fault finding .

Any help is appreciated

Looking forward to reply's

Graham M1ATM

[Non-text portions of this message have been removed]

856. Re: [FT-707] No RF output

Yahoo group: FT-707
Date: 2010-04-19 06:59:10 UTC
From: francesco messineo
Topic: 854 Message: 856

Hi Graham,

On 4/18/10, Graham <just1dude@...> wrote:
>
>
>
>
>
>
> Hello all
>
> I'm new to the 707 radio , i have just aquired a sommercamp 767dx which i believe is a 707 .
> After doing some homework , getting service manual , reading everything i can im still stuck .
> My radio has no rf output at all , it clicks to go into tx but nothing on the power meter ,i "suspect" the pa's but not sure how to test .
>
> Does anyone know how to test the PA unit to eliminate it ? , is there a common fault that causes no rf ?
> Someone point me int he right direction in fault finding .

if you have some test equipment (an oscilloscope with enough BW or spectrum analyzer or anything that can reliable measure low power signals) you should check the output on the "RF out" connector on the back of the 707. This is the pre-driver signal and if it's present you surely have some problems in the final assembly or in the connections between the RF board and final board.

Best 73
Francesco IZ8DWF

857. Re:No RF output

Yahoo group: FT-707
Date: 2010-04-19 22:10:22 UTC
From: Phillips, Dave (AZ75)
Topic: 854 Message: 857

You did not say if the receiver was intermittent as well, so I will assume it is not.

Even though the relay appears to be working, I suspect it is still the problem. The FT-707 is one of the most well built radios ever made, and simply does not fail unless abused or suffering from old age, and then the most common failure is the T/R relay. The contacts of the relay often become oxidized with age and can become intermittent. While it is possible to clean them with a reliable contact cleaner, and I recommend DeOxit Pro Gold from Caig Lab's, your best bet is to simply replace the relay. If you do use DeOxit, remember that a tiny bit goes a hundred miles. It really does not take much, and it is best to remove the relay from the radio, carefully remove its plastic cover, then put a very small amount of DeOxit on the contacts. Now, you can see, if you go to all the trouble to do this correctly, you might as well just replace the relay with a new one.

Good Luck

Dave

KB7JS

[Non-text portions of this message have been removed]

858. Re:No RF output

Yahoo group: FT-707
Date: 2010-04-20 05:57:58 UTC
From: Graham
Topic: 854 Message: 858

Thank you for your kind reply's.

I don't have a scope at the moment so i cannot check it that way unfortunatly .

Could you possibly tell me the location of the t/r relay and there seems to be a lot of clicks inside the radio when i key .

I have noticed the rx is a little deaf compared to my ft857 could this be a sign of this relay failing ?

Regards

859. Re:No RF output

Yahoo group: FT-707
Date: 2010-04-21 22:07:24 UTC
From: Graham
Topic: 854 Message: 859

Hi again group .

Updates .

I managed to get hold of a 50mhz scope (they were throwing it away at work, how lucky is that) , service manual and some time .

After scoping the input to the main PA unit and deciding that after a good measure with the meter and scope , the input to the main PA unit was way to low .

Went back a board to the RF board and found the last driver on the board and scoped the base , and what do i see , a massive signal ,and nowt on the output .I had found my offending component , a short circut transistor 2sc2407 .

I have now got a part on order hopefully it comes in a day or 2 , costs more for the p+p than the actual transistor does .

Updates soon

73

860. ftv707 transverter

Yahoo group: FT-707
Date: 2010-04-22 17:45:55 UTC
From: peter.fenney
Topic: 860 Message: 860

hi there can any one help can i still get the 70cm modgle for this or is there a mod i can do to it

861. Re: [FT-707] Re:No RF output

Yahoo group: FT-707
Date: 2010-04-22 06:52:46 UTC
From: francesco messineo
Topic: 854 Message: 861

Hi Graham,

On 4/22/10, Graham <mozart99@...> wrote:
>
>
>
>
>
>
> Hi again group .
>
> Updates .
>
> I managed to get hold of a 50mhz scope (they were throwing it away at work, how lucky is that) , service manual and some time .
>
> After scoping the input to the main PA unit and deciding that after a good measure with the meter and scope , the input to the main PA unit was way to low .
>
> Went back a board to the RF board and found the last driver on the board and scoped the base , and what do i see , a massive signal ,and nowt on the output .I had found my offending component , a short circut transistor 2sc2407 .

this is a very common fault in my experience, that's why I suggest
always to check for low output on the RF out connector.
In my opinion the 2SC2407 is a bit undersized on that circuit, so I
usually substitute it with a 2N2218 or 2N2222 (metallic case) when it
fails.

best 73
Francesco IZ8DWF

862. ftv707 transverter

Yahoo group: FT-707
Date: 2010-04-23 01:31:13 UTC
From: Laurie Dare
Topic: 860 Message: 862

Hello. I suppose you have the 2m module which is reasonbaly common but the 6m & 70cm modules (altogether different) are a lot harder to find, especially in working conditon. All the best in your hunt.

VK3LD

[Non-text portions of this message have been removed]

863. 707 Poor recieve

Yahoo group: FT-707
Date: 2010-04-23 20:01:08 UTC
From: Graham
Topic: 863 Message: 863

Hello again group .

After my sucess with repairing my tx on my 707 i think i have a deaf recieve problem, compared to my 857 it does seem deaf .

Comparing signals , a station thats 30+ on my 857 , doesn't even flicker 1 led on the 707 , i can still hear the station but its just not as strong .

I have tested the calibration on the s-meter in accordance with the manual and it is ok .

Any ideas ?

Also whats this tx/rx relay , could this be the cause ? , could someone give a location for this relay please.

Best regards

864. Re: ftv707 transverter

Yahoo group: FT-707
Date: 2010-04-23 22:11:44 UTC
From: Patricia.
Topic: 860 Message: 864

Hi Peter,

The modules that fit the FTV-707 (FTV-77 is identical) are also used in the (hope I remember this correctly) FTV-901R. The 901 is a big chassis and holds all three modules at once and you can band switch. You see the FTV-707, FTV-77 and the 901 on ebay periodically. The usual price on an FTV-901 with all three modules is about $350-$450, which is a pretty good deal if you want to take the 6 meter & 440 modules out and try to resell it with just the 2 meter module.

I have read someplace where either the 6 meter or 2 meter (forget which) can be modified to run on 4 meters in the UK.

I have the two meter module and it works pretty well with my FT-77. Please note that the 440 module is really designed for Satellite work. I'm not sure if it has the 5mhz offset that FM repeaters would require.

If you are looking for the 707 440 module, you probably have an FT-707, 77 or 757, they all hook up the same way. All are also fairly easy to connect to other transverters. I have a six meter Spectrum Communications UK transverter that works great & has 30 watts out. (It does have a bit of 10 meter bleed thru).

BTW, the 2meter & 440 transverter modules are two different birds. I think it would be easier to interface a DEMI transverter, and you would have new technology.

Patricia - AB4CT

--- In FT-707@...m, "peter.fenney" <peter.fenney@...> wrote:
>
> hi there can any one help can i still get the 70cm modgle for this or is there a mod i can do to it
>

865. Re: Transmiiter has become intermittent

Yahoo group: FT-707
Date: 2010-04-26 16:59:17 UTC
From: ollieoxen27
Topic: 853 Message: 865

Soon after my TX going out my RX has also gone out. I think using the bandswitch excessively to test the TX on various bands messed up my bandswitch. Not sure finding a cure at this point is worth it. I paid $230 for the radio but it only lasted about four months of light use. Pretty expensive lesson not to buy old gear.

ab7jk

--- In FT-707@yahoogroups.com, "ollieoxen27" <ollieoxen27@...> wrote:
>
> The transmitter of my FT-707 has become intermittent. The relay seems to be working fine but the output no. Also it's different bands that have the problem - sometimes 17 and 15, sometimes 40 and 80. I suspect the problem is in the control circuitry between the relay and the RF stages. Has anyone else had this problem?
>
> ab7jk
>

866. Re: [FT-707] Re: Transmiiter has become intermittent

Yahoo group: FT-707
Date: 2010-04-26 19:07:39 UTC
From: Brian Madsen
Topic: 853 Message: 866

By chance, Did you buy it from Radio-Mart on Ebay?
Brian
KJ6GFG

----- Original Message -----
From: ollieoxen27
To: FT-707@yahoogroups.com
Sent: Monday, April 26, 2010 9:59 AM
Subject: [FT-707] Re: Transmiiter has become intermittent

Soon after my TX going out my RX has also gone out. I think using the bandswitch excessively to test the TX on various bands messed up my bandswitch. Not sure finding a cure at this point is worth it. I paid $230 for the radio but it only lasted about four months of light use. Pretty expensive lesson not to buy old gear.

ab7jk

--- In FT-707@yahoogroups.com, "ollieoxen27" <ollieoxen27@...> wrote:
>
> The transmitter of my FT-707 has become intermittent. The relay seems to be working fine but the output no. Also it's different bands that have the problem - sometimes 17 and 15, sometimes 40 and 80. I suspect the problem is in the control circuitry between the relay and the RF stages. Has anyone else had this problem?
>
> ab7jk
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2836 - Release Date: 04/26/10 06:31:00

[Non-text portions of this message have been removed]

867. Re: [FT-707] Re: Transmiiter has become intermittent

Yahoo group: FT-707
Date: 2010-04-26 18:58:01 UTC
From: Bob Mantell
Topic: 853 Message: 867

Rigs of that era have lots of internal connections for corrosion to build up on. I had to clean the inside of my FT-77 when it acts like what you describe. After 25 years of on and off use, it now sits on the shelf, replaced by an TS-830s. I got tried of opening it up and cleaning it every time I wanted to use the FT-77. As long as I was using it regular, it was fine. Because it has an FM board in it and I have most of the matching station pieces, I have been holding on to it. But next time I fix it, I will sell it while it works.

BTW the TS-830s had minor issues from sitting around that needed work also. Most folks do not sell perfect used cars or radios.

73 de Bob,

K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Mon, 4/26/10, ollieoxen27 <ollieoxen27@...> wrote:

From: ollieoxen27 <ollieoxen27@...>
Subject: [FT-707] Re: Transmiiter has become intermittent
To: FT-707@yahoogroups.com
Date: Monday, April 26, 2010, 4:59 PM

Soon after my TX going out my RX has also gone out. I think using the bandswitch excessively to test the TX on various bands messed up my bandswitch. Not sure finding a cure at this point is worth it. I paid $230 for the radio but it only lasted about four months of light use. Pretty expensive lesson not to buy old gear.

ab7jk

--- In FT-707@yahoogroups. com, "ollieoxen27" <ollieoxen27@ ...> wrote:
>
> The transmitter of my FT-707 has become intermittent. The relay seems to be working fine but the output no. Also it's different bands that have the problem - sometimes 17 and 15, sometimes 40 and 80. I suspect the problem is in the control circuitry between the relay and the RF stages. Has anyone else had this problem?
>
> ab7jk
>

[Non-text portions of this message have been removed]

868. FT-707 for parts

Yahoo group: FT-707
Date: 2010-05-18 17:38:10 UTC
From: ollieoxen27
Topic: 868 Message: 868

The bandswitch on my FT-707 has mechanically failed and according to Wilco Electronics can't be replaced so I'm offering it for sale. Cosmetically it's about a 7.5/10. The final are good as are all other parts besides this switch.

I'm asking $100 obo (make it reasonable please) including shipping.

AB7JK

869. Re: [FT-707] FT-707 for parts

Yahoo group: FT-707
Date: 2010-05-18 17:59:42 UTC
From: kf4tap@yahoo.com
Topic: 868 Message: 869

That sounds like deal. Wish I had the money.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "ollieoxen27" <ollieoxen27@...>
Date: Tue, 18 May 2010 17:38:10
To: <FT-707@yahoogroups.com>
Subject: [FT-707] FT-707 for parts

The bandswitch on my FT-707 has mechanically failed and according to Wilco Electronics can't be replaced so I'm offering it for sale. Cosmetically it's about a 7.5/10. The final are good as are all other parts besides this switch.

I'm asking $100 obo (make it reasonable please) including shipping.

AB7JK

[Non-text portions of this message have been removed]

870. Re: FT-707 for parts

Yahoo group: FT-707
Date: 2010-05-18 18:27:55 UTC
From: bhowle50
Topic: 868 Message: 870

If you don't sell the whole radio- let us know if you'd be willing to sell parts and boards. I could use the two side panels and attachment hardware.

TNX,

K5RJH

--- In FT-707@yahoogroups.com, "ollieoxen27" <ollieoxen27@...> wrote:
>
> The bandswitch on my FT-707 has mechanically failed and according to Wilco Electronics can't be replaced so I'm offering it for sale. Cosmetically it's about a 7.5/10. The final are good as are all other parts besides this switch.
>
> I'm asking $100 obo (make it reasonable please) including shipping.
>
> AB7JK
>

871. Re: FT-707 for parts

Yahoo group: FT-707
Date: 2010-06-18 19:54:40 UTC
From: Peter
Topic: 868 Message: 871

I have a FT707 for spares. PA burnt out in places and needs re wiring if your are interested Pete G4WJJ g4wjj@...

--- In FT-707@yahoogroups.com, "bhowle50" <bob311@...> wrote:
>
> If you don't sell the whole radio- let us know if you'd be willing to sell parts and boards. I could use the two side panels and attachment hardware.
>
> TNX,
>
> K5RJH
>
> --- In FT-707@yahoogroups.com, "ollieoxen27" <ollieoxen27@> wrote:
> >
> > The bandswitch on my FT-707 has mechanically failed and according to Wilco Electronics can't be replaced so I'm offering it for sale. Cosmetically it's about a 7.5/10. The final are good as are all other parts besides this switch.
> >
> > I'm asking $100 obo (make it reasonable please) including shipping.
> >
> > AB7JK
> >
>

872. Re: FT-707

Yahoo group: FT-707
Date: 2010-06-22 16:53:46 UTC
From: aisea6
Topic: 140 Message: 872

I suppose you mean no output on transmit on any mode.
Look for an oscillator output that is common on the TX chain or a mixer or the switching circuits. The VFO on transmit does it switch over?
By studying the blocks should become apparent. It's common that forward biasing diodes are used as a switch.
It's never that straight forward and if you are prepared to study how it works then you are on the way.
I have an FT-707 waiting to be fixed and one of these days with patience and persistence I am going to get there.

Cul.

Aisea

--- In FT-707@yahoogroups.com, "jeffbrown.geo" <jeffbrone@...> wrote:
>
> OK, another question. I was the guy who posted the question about the AVR board a while ago. My FT-707 receives well but there is no output on any mode (not even a little amount). I realize this new problem could be many things, but I was wondering if anything jumps to mind. I hear the CW sidetone, just no output at all. Thanks!
> Jeff
>

873. Re: [FT-707] Re: FT-707

Yahoo group: FT-707
Date: 2010-06-22 17:31:25 UTC
From: francesco messineo
Topic: 140 Message: 873

Hello,

a common fault for no tx on all bands is the driver transistor on the
RF board. Look for a few mW output on the RF-OUT connector on the back
of the rig, if nothing there, then that transistor is dead.

73
IZ8DWF

On 6/22/10, aisea6 <aisea@...> wrote:
>
>
>
>
>
>
> I suppose you mean no output on transmit on any mode.
> Look for an oscillator output that is common on the TX chain or a mixer or the switching circuits. The VFO on transmit does it switch over?
> By studying the blocks should become apparent. It's common that forward biasing diodes are used as a switch.
> It's never that straight forward and if you are prepared to study how it works then you are on the way.
> I have an FT-707 waiting to be fixed and one of these days with patience and persistence I am going to get there.
>
> Cul.
>
> Aisea
>
> --- In FT-707@yahoogroups.com, "jeffbrown.geo" <jeffbrone@...> wrote:
> >
> > OK, another question. I was the guy who posted the question about the AVR board a while ago. My FT-707 receives well but there is no output on any mode (not even a little amount). I realize this new problem could be many things, but I was wondering if anything jumps to mind. I hear the CW sidetone, just no output at all. Thanks!
> > Jeff
> >
>
>
>

874. Re:FT-707

Yahoo group: FT-707
Date: 2010-06-24 13:57:02 UTC
From: aisea6
Topic: 140 Message: 874

Yes I have the service manual. I'll have look and scan the AVR circuit then send it across or perhaps upload it to the file section for everyone to access.

Aisea.

--- In FT-707@yahoogroups.com, "Phillips, Dave (AZ75)" <dave.l.phillips@...> wrote:
>
> Jeff
>
>
>
> I would still suspect the AVR board, which is the supply location for
> the 8-volt transmit logic supply. Without it, the transmitter is dead.
> If the AVR board was bad in the first place, some component in the
> transmitter may have over-loaded or shorted the switched 8-volt transmit
> line, so I would want to disconnect output of that line from the AVR
> board first, confirm it is working, then follow the logic from there.
>
>
>
> Do you have a service manual with schematics?
>
> Regards
>
>
> Dave
>
> KB7JS
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

875. Re:FT-707 AVR board schematic etc.

Yahoo group: FT-707
Date: 2010-06-25 08:41:34 UTC
From: Ian McGowan
Topic: 875 Message: 875

There is already an AVR schematic and layout in the files here
http://f1.grp.yahoofs.com/v1/AGIkTERrlJYJHfvkHa07W2VyagvWvb4IfF2gCF8WeOV1oD5sP_1z-fGKNfUB-QtwqY115GQwALt5_YgyvTB7yiAk3g/FT-707%20AVR.jpg

I posted it as a PDF a few years ago.

73, Ian, G8OFZ.

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 9.0.829 / Virus Database: 271.1.1/2961 - Release Date: 06/24/10 19:35:00

[Non-text portions of this message have been removed]

876. Re:FT-707 AVR board schematic etc.

Yahoo group: FT-707
Date: 2010-06-28 03:15:48 UTC
From: aisea6
Topic: 875 Message: 876

I was going to upload a scan copy and realised it's already there in the file section. Just as well I checked as it's a 12Mb.zip file but my connect is not broadband so I was a little concerned.

Just as well I read your post.

Aisea (3D2AA)

--- In FT-707@yahoogroups.com, "Ian McGowan" <mcgowani@...> wrote:
>
> There is already an AVR schematic and layout in the files here
> http://f1.grp.yahoofs.com/v1/AGIkTERrlJYJHfvkHa07W2VyagvWvb4IfF2gCF8WeOV1oD5sP_1z-fGKNfUB-QtwqY115GQwALt5_YgyvTB7yiAk3g/FT-707%20AVR.jpg
>
> I posted it as a PDF a few years ago.
>
> 73, Ian, G8OFZ.
> ----------
>
>
> No virus found in this outgoing message.
> Checked by AVG - www.avg.com
> Version: 9.0.829 / Virus Database: 271.1.1/2961 - Release Date: 06/24/10 19:35:00
>
>
> [Non-text portions of this message have been removed]
>

877. TO ANDY D FROM PETE S G4WJJ

Yahoo group: FT-707
Date: 2010-06-28 17:03:28 UTC
From: s6ea45
Topic: 877 Message: 877

Very many thanks for the headsup, think it sorted now 73S DE PETE G4WJJ

Edit moderator, don't use capitals all the way please.

878. Re: 707 Poor recieve

Yahoo group: FT-707
Date: 2010-07-04 17:35:28 UTC
From: aisea6
Topic: 863 Message: 878

Is it the S meter movement of the receiver is not as sensistive like the 857. Notice the older rigs receivers are older technology so don't expect too much. If you can still hear stations and not as strong, it maybe you require more audio amplification.

Aisea

--- In FT-707@yahoogroups.com, "Graham" <mozart99@...> wrote:
>
> Hello again group .
>
> After my sucess with repairing my tx on my 707 i think i have a deaf recieve problem, compared to my 857 it does seem deaf .
>
> Comparing signals , a station thats 30+ on my 857 , doesn't even flicker 1 led on the 707 , i can still hear the station but its just not as strong .
>
> I have tested the calibration on the s-meter in accordance with the manual and it is ok .
>
> Any ideas ?
>
> Also whats this tx/rx relay , could this be the cause ? , could someone give a location for this relay please.
>
> Best regards
>

879. Re: 707 Poor recieve

Yahoo group: FT-707
Date: 2010-07-05 18:59:27 UTC
From: aisea6
Topic: 863 Message: 879

The tx/rx relay operates as you press the microphone Press To Talk (PTT) lever on the mic thus changing it over to transmit.
Notice if the relay the contacts are not making proper contact then by operating the PTT, the receiver comes alive as noted by the increase of receiver noise being heard.
The relay should be located in the rf PA board.

cul.

Aisea.

--- In FT-707@yahoogroups.com, "Graham" <mozart99@...> wrote:
>
> Hello again group .
>
> After my sucess with repairing my tx on my 707 i think i have a deaf recieve problem, compared to my 857 it does seem deaf .
>
> Comparing signals , a station thats 30+ on my 857 , doesn't even flicker 1 led on the 707 , i can still hear the station but its just not as strong .
>
> I have tested the calibration on the s-meter in accordance with the manual and it is ok .
>
> Any ideas ?
>
> Also whats this tx/rx relay , could this be the cause ? , could someone give a location for this relay please.
>
> Best regards
>

880. FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board

Yahoo group: FT-707
Date: 2010-07-15 19:46:45 UTC
From: Bob Mantell
Topic: 880 Message: 880

Since my FT-77 has lost its receive, and a new rig is on the way, I plan to turn it into a beacon or sell it for parts repair.

That leaves me with the following FT707/ FT-77 Station accessories as surplus. I am going to offer them up here first before a trip to the 'daBay.

Shipping is $20 flat rate with insurance to US locations only.

MH-1B8 Hand mic Nice condition, none of lettering worn, scan buttons work great(if you have the VFO) $50.00

YM-38 Desk Mic Very nice, looks to have been used little before I got it. I did not match up with my voice as well as the MC-50 I wired to the FT-77, so I did not use it long. I mostly wanted it to complete the matching station. $70.00

FT-77 FM Board. Transmitter still works in the rig and I tested the FM before removal $125.00

FV-707 Remote VFO with Memories Works great and lets you use the scan function on the MH1 mic I bought this new in box in 1986. $175.00

FC-707 antenna tuner. covers 80-10 w/WARC bands. I have only had this since I got back on the air a couple years back, but worked get with my G5RV once I got a GEN ticket. $150.00

 Package deal::: $500.00 for it all including shipping/ins.

73 de Bob,

 K4ESA EM74qc

Bob Mantell
k4esa@...

[Non-text portions of this message have been removed]

881. Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board

Yahoo group: FT-707
Date: 2010-07-15 20:27:04 UTC
From: pe1rea
Topic: 880 Message: 881

Maybe, there are a lot of 707 members in europe, maybe you can also ship to europe?

882. Re: [FT-707] Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board

Yahoo group: FT-707
Date: 2010-07-15 21:24:01 UTC
From: Bob Mantell
Topic: 880 Message: 882

Yes, I can ship to EU, just not for $20.00 flat rate.

73 de Bob,

K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Thu, 7/15/10, pe1rea <peliklaas@...> wrote:

From: pe1rea <peliklaas@gmail.com>
Subject: [FT-707] Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board
To: FT-707@yahoogroups.com
Date: Thursday, July 15, 2010, 8:27 PM

Maybe, there are a lot of 707 members in europe, maybe you can also ship to europe?

[Non-text portions of this message have been removed]

883. (no subject)

Yahoo group: FT-707
Date: 2010-08-25 02:18:13 UTC
From: thunderboomurr
Topic: 883 Message: 883

looking for a place to start.. i recently was given a 707 that is locked into the transmit mode.. as soon as you turn it on, it transmits. i was told that the mox button was pushed into the transmit position for a long time before it was discovered and released. the 707 wil receive if i push the mox switch in slightly into a ''nutral'' spot on the button and receives well on all bands. the finals, suprizingly, are still good and does key up on am at 100 watts...any advice?

john

884. Re: [FT-707] (unknown)

Yahoo group: FT-707
Date: 2010-08-25 09:14:41 UTC
From: Laurie Dare
Topic: 884 Message: 884

Hi. Obviously the MOX switch is faulty, but I doubt you will find a new one now.

Your best bet is a decent tech. Sorry can't help you there as I live in Melbourne.

Regards,

Laurie

----- Original Message -----
From: thunderboomurr
To: FT-707@yahoogroups.com
Sent: Wednesday, August 25, 2010 12:18 PM
Subject: [FT-707] (unknown)

looking for a place to start.. i recently was given a 707 that is locked
into the transmit mode.. as soon as you turn it on, it transmits. i
was told that the mox button was pushed into the transmit position for a
long time before it was discovered and released. the 707 wil receive
if i push the mox switch in slightly into a ''nutral'' spot on the
button and receives well on all bands. the finals, suprizingly, are
still good and does key up on am at 100 watts...any advice?

john

[Non-text portions of this message have been removed]

885. Re: [FT-707] (unknown)

Yahoo group: FT-707
Date: 2010-08-25 11:07:47 UTC
From: Kb3hg@aol.com
Topic: 883 Message: 885

John
one possible source for the switches:
http://cgi.ebay.com/Yaesu-FT-707-horizontal-switch-assembly-/250501827905?pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM

Do you have the manuals service and operating (the one that comes with the radio?

Tom kb3hg

-----Original Message-----
From: thunderboomurr <thunderboomurr@...>
To: FT-707@yahoogroups.com
Sent: Tue, Aug 24, 2010 10:18 pm
Subject: [FT-707] (unknown)

looking for a place to start.. i recently was given a 707 that is locked
into the transmit mode.. as soon as you turn it on, it transmits. i
was told that the mox button was pushed into the transmit position for a
long time before it was discovered and released. the 707 wil receive
if i push the mox switch in slightly into a ''nutral'' spot on the
button and receives well on all bands. the finals, suprizingly, are
still good and does key up on am at 100 watts...any advice?

john

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

886. Re: [FT-707] (unknown)

Yahoo group: FT-707
Date: 2010-08-25 10:53:00 UTC
From: charlie
Topic: 884 Message: 886

disconnect the mox swith...

From: Laurie Dare
Sent: Wednesday, August 25, 2010 6:14 AM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] (unknown)

Hi. Obviously the MOX switch is faulty, but I doubt you will find a new one now.

Your best bet is a decent tech. Sorry can't help you there as I live in Melbourne.

Regards,

Laurie

----- Original Message -----
From: thunderboomurr
To: FT-707@yahoogroups.com
Sent: Wednesday, August 25, 2010 12:18 PM
Subject: [FT-707] (unknown)

looking for a place to start.. i recently was given a 707 that is locked
into the transmit mode.. as soon as you turn it on, it transmits. i
was told that the mox button was pushed into the transmit position for a
long time before it was discovered and released. the 707 wil receive
if i push the mox switch in slightly into a ''nutral'' spot on the
button and receives well on all bands. the finals, suprizingly, are
still good and does key up on am at 100 watts...any advice?

john

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

887. Re: (unknown)

Yahoo group: FT-707
Date: 2010-08-25 16:49:41 UTC
From: thunderboomurr
Topic: 883 Message: 887

hi tom and laurie. yes i do have a pdf of theervice manual.. i wondered if i could disconnect the mox switch but was'nt sure if i could or not. i did a little playing around with the radio today and found that if i connect the mike and hold the switch in a nutral spot i can rx and tx normaly with audio.. i did see the switch assembly on ebay..

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
> John
> one possible source for the switches:
> http://cgi.ebay.com/Yaesu-FT-707-horizontal-switch-assembly-/250501827905?pt=UK_Consumer Electronics_SpecialistRadioEquipment_SM
>
> Do you have the manuals service and operating (the one that comes with the radio?
>
> Tom kb3hg
>
>
>
>
>
>
>
>
> -----Original Message-----
> From: thunderboomurr <thunderboomurr@...>
> To: FT-707@yahoogroups.com
> Sent: Tue, Aug 24, 2010 10:18 pm
> Subject: [FT-707] (unknown)
>
>
>
> looking for a place to start.. i recently was given a 707 that is locked
> into the transmit mode.. as soon as you turn it on, it transmits. i
> was told that the mox button was pushed into the transmit position for a
> long time before it was discovered and released. the 707 wil receive
> if i push the mox switch in slightly into a ''nutral'' spot on the
> button and receives well on all bands. the finals, suprizingly, are
> still good and does key up on am at 100 watts...any advice?
>
>
>
> john
>
>

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>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

888. Smart Batt Charger

Yahoo group: FT-707
Date: 2010-08-27 09:42:21 UTC
From: MM Ali
Topic: 888 Message: 888

Hi,

Am looking for a circuit diagram for a smart battery charger.
Fast-charge-on-low-voltage and slow-charge-on-charged-battery. The values being programmable. Preferably PIC based.

I believe one was published in QST Magazine some time back.

Any help will be highly appreciated.

mm ali
vu2ali

889. 707 users

Yahoo group: FT-707
Date: 2010-08-27 21:57:29 UTC
From: john_kb9ikh
Topic: 889 Message: 889

thought i'd say hello to you all

890. Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board

Yahoo group: FT-707
Date: 2010-08-28 21:00:26 UTC
From: wohtex
Topic: 880 Message: 890

So what are you going to want for the FT-77 parts rig?

Bill
N5CCQ

891. Re: [FT-707] Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board

Yahoo group: FT-707
Date: 2010-08-28 21:22:46 UTC
From: Bob Mantell
Topic: 880 Message: 891

Well, I am using it as a beacon on 10M now, since the transmitter works fine. Last week I heard a strange noise when the keyer was off, and found that now the receiver works fine...again. This radio will not let me sell it. Every time I try to get rid of it, it stops working. It has a component that dies in transit, then starts working again later on back in my shack.

I was not able to sell any of the accessories on this list, so they will go to QRZ next, then on to eBay.

73 de Bob,

 K4ESA EM74qc

Bob Mantell
k4esa@...

--- On Sat, 8/28/10, wohtex <wohtex@...> wrote:

From: wohtex <wohtex@...>
Subject: [FT-707] Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board
To: FT-707@yahoogroups.com
Date: Saturday, August 28, 2010, 9:00 PM

So what are you going to want for the FT-77 parts rig?

Bill
N5CCQ

[Non-text portions of this message have been removed]

892. Re: FS: FT707/ FT-77 Station accessories, Mics, and FT-77 FM board

Yahoo group: FT-707
Date: 2010-08-29 02:27:56 UTC
From: wohtex
Topic: 880 Message: 892

Its like they have a mind of there own, every time I think about selling mine I get it out to check it out and usually enjoy using it so much I change my mind, just got it back from the shop for a erratic display and the guy couldn't find anything but made a few adjustments and the display is fine. good luck on selling the accessories, oh mine has the AM board in it.

73
Bill

893. Cross ref for YZ-033

Yahoo group: FT-707
Date: 2010-08-31 16:31:51 UTC
From: captcurt2000
Topic: 893 Message: 893

Hello to all:

Have an FT707 I'm trying to revive. Looks like the shorted zener (YZ-033) Or the 7808 regulator? (uPC14308)on the PA board took out the 13.5V TX line back thru the Main board and smoked the AVR section as well. I have all of it repaired but cant find a reference on the YZ-033. 3.0Volt 1/2W zener?

Any help is appreciated.

Tnx

Curt

894. FT707 100W PA version B Info?

Yahoo group: FT-707
Date: 2010-08-31 23:52:15 UTC
From: captcurt2000
Topic: 894 Message: 894

Hello again All:

I have noticed some differences between the wiring on the schematics for the 2013A PCB and the version in my 707. My PA shows the PCB number as 2013 B.

The unit serial number is 290036. All of the online service and operation manuals I have found only reference the A version.

Anyone have a proper schematic for the B version?

Could it be that this PA was replaced at some point with a service module?

THanks for any help.

Curt
KU8L

895. service manual copy wanted

Yahoo group: FT-707
Date: 2010-09-03 19:35:59 UTC
From: francesco messineo
Topic: 895 Message: 895

Hi all,

my FT-707S developed quite a strange fault, reception signal is low and AGC level seems too high, also in transmission, power output is low so it must be a common part to both RX and TX. The first thing to check would be the various oscillator and buffer/amplifier levels. Now I bougth a service manual from ebay but that turned out to be a poor copy probably printed from the pdf from the internet, this copy has unreadable signal levels on the schematics (all boxes appear just dark). I'd appreciate if someone with a good copy of the manual could scan or make good copies of the schematics (the ones with the signal levels in the boxes) and send them to me. Any expense will be reimbursed of course.

Any hint on what can cause the AGC level to be too "high" (and at the same time make output power too low) is also very much appreciated.

Best 73
Frank IZ8DWF

896. FT 707 Fan Operation

Yahoo group: FT-707
Date: 2010-09-11 00:07:42 UTC
From: captcurt2000
Topic: 896 Message: 896

GE All:

How does the fan normally cycle? I am concerned because I have not seen it come on at all. Full power QSO for 6 minutes in CW and the heat sink is warm to the touch but the fan does not run.

I can run the fan from 12V external in, and I can watch the thermister go from 2K down to about 500 ohms when I heat it up with a heat gun.

Its usch a pain to get at the HPF board, I want to know how often the fan actually comes on in normal operation. Desktop amient temp in room is about 75 deg.

Thanks

Curt

897. She lives!

Yahoo group: FT-707
Date: 2010-09-13 01:10:12 UTC
From: john_kb9ikh
Topic: 897 Message: 897

many thanks charlie and bill! the ol 707 is back on the air!

898. Re: [FT-707] She lives!

Yahoo group: FT-707
Date: 2010-09-13 10:44:12 UTC
From: Kb3hg@aol.com
Topic: 897 Message: 898

ok, what did you do?

-----Original Message-----
From: john_kb9ikh <thunderboomurr@...>
To: FT-707@yahoogroups.com
Sent: Sun, Sep 12, 2010 9:10 pm
Subject: [FT-707] She lives!

many thanks charlie and bill! the ol 707 is back on the air!

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

899. Re: FT 707 Fan Operation

Yahoo group: FT-707
Date: 2010-09-13 12:55:53 UTC
From: captcurt2000
Topic: 896 Message: 899

OK..the fan doesn't turn on very often until after the rig is fully warmed up. I ran my in a 24 hr CW sprint this weekend and once the rig was fully up temperature, perhaps an hour, the fan would regularly cycle. The heat sink is massive on this radio, with lots of area and will stay pretty cool on CW even without the fan on.

I'm sure that some JT65 will get it warm tho...:)

Curt
KU8L

--- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@...> wrote:
>
> GE All:
>
> How does the fan normally cycle? I am concerned because I have not seen it come on at all. Full power QSO for 6 minutes in CW and the heat sink is warm to the touch but the fan does not run.
>
> I can run the fan from 12V external in, and I can watch the thermister go from 2K down to about 500 ohms when I heat it up with a heat gun.
>
> Its usch a pain to get at the HPF board, I want to know how often the fan actually comes on in normal operation. Desktop amient temp in room is about 75 deg.
>
> Thanks
>
> Curt
>

900. Re: [FT-707] She lives!

Yahoo group: FT-707
Date: 2010-09-13 04:29:39 UTC
From: DarkStar
Topic: 897 Message: 900

i have a yaesu ft 707 nice hf rig. i mostly use it for decoding psk31 n mores code. i think i have a lil of a reciving problem its not bad but i would like to make it better any ideas?

On Sun Sep 12th, 2010 9:10 PM EDT john_kb9ikh wrote:

>many thanks charlie and bill! the ol 707 is back on the air!
>

901. Re: [FT-707] Re: FT 707 Fan Operation

Yahoo group: FT-707
Date: 2010-09-14 08:45:19 UTC
From: Kb3hg@aol.com
Topic: 896 Message: 901

I looked at the circuitry the thermocouple circuit that turns on the fan also feeds the ALC , without circuit analysis I would be very wary about changing the circuit gains of the op amps to keep the fan tripping on earlier. If I was going after the psk or other intensive digital modes I would consider another muffin fan as the rig will dissapate a considerable amount of heat, note that a general type of watt meter will not register the same amount of output power. watch your current draw. case in point my brother inlaw's Icom draws 22 amps but registers about 35 watts.

Tom
Kb3hg

-----Original Message-----
From: captcurt2000 <captcurt@...>
To: FT-707@yahoogroups.com
Sent: Mon, Sep 13, 2010 8:55 am
Subject: [FT-707] Re: FT 707 Fan Operation

OK..the fan doesn't turn on very often until after the rig is fully warmed up. I ran my in a 24 hr CW sprint this weekend and once the rig was fully up temperature, perhaps an hour, the fan would regularly cycle. The heat sink is massive on this radio, with lots of area and will stay pretty cool on CW even without the fan on.

I'm sure that some JT65 will get it warm tho...:)

Curt
KU8L

--- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@...> wrote:
>
> GE All:
>
> How does the fan normally cycle? I am concerned because I have not seen it come on at all. Full power QSO for 6 minutes in CW and the heat sink is warm to the touch but the fan does not run.
>
> I can run the fan from 12V external in, and I can watch the thermister go from 2K down to about 500 ohms when I heat it up with a heat gun.
>
> Its usch a pain to get at the HPF board, I want to know how often the fan actually comes on in normal operation. Desktop amient temp in room is about 75 deg.
>
> Thanks
>
> Curt

>

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

902. 707 PA final bias setting

Yahoo group: FT-707
Date: 2010-09-15 15:33:02 UTC
From: captcurt2000
Topic: 902 Message: 902

GM again:

I can't seem to find any reference in the service manual regarding adjustment of the bias setting for the PA finals. This is the VR on the PA board that sets the base voltage coming from the 8 volt regulator. Since I changed that device, I would like to make sure the bias is set properly.

Only reference I have is that the voltage chart on the PA layout page indicates .7V on the bases. That makes sense but no reference as to the condition for that. I am guessing that (of course needs to be in Tx) no signal condition adjusted to .7V should be OK.

I want to be sure this is set properly before I set the ALC and Max output levels. Right now, it won't run all the way to 110W. Max at about 90 on 14MHz.

Thanks

Curt

903. Re: FT 707 Fan Operation

Yahoo group: FT-707
Date: 2010-09-15 15:25:41 UTC
From: captcurt2000
Topic: 896 Message: 903

Hi Tom:

You are correct..I wasn't actually considering changing it, I just wanted to make sure the fan actually WOULD come on at some point. When I first began running the rig, it never came on.

One could, I'm sure change the fan comparator reference without affecting the ALC since the thermister feeds two seperate comparators..one for ALC, the other for the fan. But probably alot easier to just add more cooling.

This really wont be my main rig for digi modes anyway, but might occasionally if I'm mobile/roving.

I HAVE been looking at installing another interior fan on the bottom of the case. One of the silent Silenx fans in 40mm x 10mm to exhaust the interior. The VFO is quite sensitive to temperature and I suspect that keeping the interior more constant might help. I will try the trick of turning the top around first so the vents are in the front to see if that really fixes the problem. There is certainly room to add a fan in place of the internal speaker if one didn't want to add any holes or slots, but hey, its a boat anchor and it can be made better right? ;)

Thanks for your input on this.

BTW..regarding final current draw..please look at my next thread on final bias setting.

Curt
KU8L

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
>
>
> I looked at the circuitry the thermocouple circuit that turns on the fan also feeds the ALC , without circuit analysis I would be very wary about changing the circuit gains of the op amps to keep the fan tripping on earlier. If I was going after the psk or other intensive digital modes I would consider another muffin fan as the rig will dissapate a considerable amount of heat, note that a general type of watt meter will not register the same amount of output power. watch your current draw. case in point my brother inlaw's Icom draws 22 amps but registers about 35 watts.
>
> Tom
> Kb3hg
>
>
>
>

>
>
> -----Original Message-----
> From: captcurt2000 <captcurt@...>
> To: FT-707@yahoogroups.com
> Sent: Mon, Sep 13, 2010 8:55 am
> Subject: [FT-707] Re: FT 707 Fan Operation
>
>
> OK..the fan doesn't turn on very often until after the rig is fully warmed up.
> I ran my in a 24 hr CW sprint this weekend and once the rig was fully up
> temperature, perhaps an hour, the fan would regularly cycle. The heat sink is
> massive on this radio, with lots of area and will stay pretty cool on CW even
> without the fan on.
>
> I'm sure that some JT65 will get it warm tho...:)
>
> Curt
> KU8L
>
> --- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@> wrote:
> >
> > GE All:
> >
> > How does the fan normally cycle? I am concerned because I have not seen it
> come on at all. Full power QSO for 6 minutes in CW and the heat sink is warm to
> the touch but the fan does not run.
> >
> > I can run the fan from 12V external in, and I can watch the thermister go from
> 2K down to about 500 ohms when I heat it up with a heat gun.
> >
> > Its usch a pain to get at the HPF board, I want to know how often the fan
> actually comes on in normal operation. Desktop amient temp in room is about 75
> deg.
> >
> > Thanks
> >
> > Curt
> >
>
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> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

904. Re: [FT-707] 707 PA final bias setting

Yahoo group: FT-707
Date: 2010-09-16 01:04:46 UTC
From: Kb3hg@aol.com
Topic: 902 Message: 904

Curt,
I suggest you don't set your rig for max output.. Leave a little head room I have mine set for 100 watts. Remember that you are tuning up to a dummy load, no SWR. The real loads are not perfectly matched.when i purchased my rig they checked it out using a Byrd and it keyed over 125 Watts they asked me if I wanted to keep the power there. I told the man to dial it back to 100 watts. Its been there since new. JMHO

Tom
Kb3hg

-----Original Message-----
From: captcurt2000 <captcurt@...>
To: FT-707@yahoogroups.com
Sent: Wed, Sep 15, 2010 11:33 am
Subject: [FT-707] 707 PA final bias setting

GM again:

I can't seem to find any reference in the service manual regarding adjustment of the bias setting for the PA finals. This is the VR on the PA board that sets the base voltage coming from the 8 volt regulator. Since I changed that device, I would like to make sure the bias is set properly.

Only reference I have is that the voltage chart on the PA layout page indicates .7V on the bases. That makes sense but no reference as to the condition for that. I am guessing that (of course needs to be in Tx) no signal condition adjusted to .7V should be OK.

I want to be sure this is set properly before I set the ALC and Max output levels. Right now, it won't run all the way to 110W. Max at about 90 on 14MHz.

Thanks

Curt

[Non-text portions of this message have been removed]

905. Low output on 10m new finals

Yahoo group: FT-707
Date: 2010-09-28 19:02:30 UTC
From: w3_gw0nnb
Topic: 905 Message: 905

The other bands are all full output (a little over 110W) including the WARC. 10m output is just over 20W. Alignment has been thoroughly checked. Anyone seen this before?

Thanks

906. FT 707 parts and FT 707 repair in radio mags

Yahoo group: FT-707
Date: 2010-10-06 20:01:12 UTC
From: cd40105
Topic: 906 Message: 906

Hi, it would be great if we had someone like G3LLL who'se vast experience on fixing amateur radio equipment would do some more pages on the 707 faults and fixes. Odd references in mags like Practical Wireless, Radcom etc..I don't know if theres any info in the amercican Mags that were like 73 Mag or Ham RAdio, maybe some QRP group has some info as the FT 707S is a QRP power O/P type transceiver.

It would be good to know of a supplyer of transistors or to know the equivelents of any transistors used in the 707 sets?? 73 de ian G3YRQ

907. Re: [FT-707] FT 707 parts and FT 707 repair in radio mags

Yahoo group: FT-707
Date: 2010-10-07 07:28:46 UTC
From: francesco messineo
Topic: 906 Message: 907

Hi Ian,

On Wed, Oct 6, 2010 at 10:01 PM, cd40105 <cd40105@...> wrote:
>
>
>
> Hi, it would be great if we had someone like G3LLL who'se vast experience on fixing amateur radio equipment would do some more pages on the 707 faults and fixes. Odd references in mags like Practical Wireless, Radcom etc..I don't know if theres any info in the amercican Mags that were like 73 Mag or Ham RAdio, maybe some QRP group has some info as the FT 707S is a QRP power O/P type transceiver.

I have repaired quite a lot of faults on the 707 (mainly on my own 707S, but some on other's 707). Most faults are because of intermittent solder joints, broken little coax and some semiconductors failures (often because of misuse or abuse).
I still have to find one very strange fault (intermittent one) on my 707S which so far has escaped any tentative of even finding the correct PCB where it might reside.

>
> It would be good to know of a supplyer of transistors or to know the equivelents of any transistors used in the 707 sets??

Most of the bipolar transistors used on the FT-707 are still obtainable easily nowadays, things get more tricky when it comes to JFET and MOSFET ones. The 2SK19 can be substituted with 2SK192A (retaining the same Idss group as GR, BL...). I've never had to substitute a 3SK73 so far, also its datasheet isn't easily found. I think any dual-gate mosfet from a TV fronted could be used in its place, maybe adjusting the bias. I however don't look forward to try it :-)
I think these old rigs are much more easily serviceable than newer rigs, I only whish they had used better coaxial cables for the internal connections and some little PCB were a little easier to work on (try working on the AVR board without unsoldering a 'hundred' little wires).

best 73
Frank IZ8DWF

908. Re: Low output on 10m new finals

Yahoo group: FT-707
Date: 2010-10-09 21:02:36 UTC
From: gw4rwr
Topic: 905 Message: 908

Are you sure that the power control is not limiting your 10m output? Press the ALC button down, and go to TX with the same mic gain/carrier settings that worked on the other bands. You'll notice the LED bar display working if ALC is limiting the power output. Not sure why power control is fitted only for 10m, though? The VR controlling this power level is obvious, though can't recall if it's the IF board.

If this isn't the problem, then maybe a LPF fault...try bridging it. No better? Then maybe the PA board?

Good luck!

Rhys

--- In FT-707@yahoogroups.com, "w3_gw0nnb" <1986944@...> wrote:
>
> The other bands are all full output (a little over 110W) including the WARC. 10m output is just over 20W. Alignment has been thoroughly checked. Anyone seen this before?
>
> Thanks
>

909. Yaesu FT-707 frequency and counter drift

Yahoo group: FT-707
Date: 2010-10-17 01:26:44 UTC
From: Alexander Almonte
Topic: 909 Message: 909

Hi Guys,

Anyone had used Teruhiko Hayashi (JA2SVZ) Custom Integrated Circuit Replacement Module? How about the Huf-Puf VFO stabilizer of Bruno Beckers - ON6AB? Any feedbacks? Please help. I can't use my Yaesu FT-707 for a week now.

Best regards,

Alex Almonte

[Non-text portions of this message have been removed]

910. Re: [FT-707] Yaesu FT-707 frequency and counter drift

Yahoo group: FT-707
Date: 2010-10-17 08:49:27 UTC
From: Kb3hg@aol.com
Topic: 909 Message: 910

one possible solution :

http://www.eham.net/reviews/detail/7448

Tom Kb3hg

-----Original Message-----
From: Alexander Almonte <xanderham8@yahoo.com>
To: FT-707@yahoogroups.com
Sent: Sat, Oct 16, 2010 9:26 pm
Subject: [FT-707] Yaesu FT-707 frequency and counter drift

Hi Guys,

Anyone had used Teruhiko Hayashi (JA2SVZ) Custom Integrated Circuit Replacement Module? How about the Huf–Puf VFO stabilizer of Bruno Beckers – ON6AB? Any feedbacks? Please help. I can't use my Yaesu FT-707 for a week now.

Best regards,

Alex Almonte

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

911. Re: Yaesu FT-707 frequency and counter drift

Yahoo group: FT-707
Date: 2010-10-23 15:39:05 UTC
From: captcurt2000
Topic: 909 Message: 911

I have a Cumbria design xLok kit but decided to try the cabinet ventilation trick first...turn the top cover oaround to the vent slots are in the front...It makes the drift problem MUCH better. I was skeptical but it does work pretty well. Not sure I would want to try a frequency sensitive digi mode with out a warm up with it but it is very good for general use.

FWIW

Curt
KU8L

--- In FT-707@yahoogroups.com, Alexander Almonte <xanderham8@...> wrote:
>
> Hi Guys,
>
> Anyone had used Teruhiko Hayashi (JA2SVZ) Custom Integrated Circuit Replacement Module? How about the Hufâ□"Puf VFO stabilizer of Bruno Beckers â□" ON6AB? Any feedbacks? Please help. I can't use my Yaesu FT-707 for a week now.
>
> Best regards,
>
>
>
> Alex Almonte
>
>
>
> [Non-text portions of this message have been removed]
>

912. Re: Yaesu FT-707 frequency and counter drift

Yahoo group: FT-707
Date: 2010-10-28 05:30:01 UTC
From: corner5
Topic: 909 Message: 912

Hi Guys,
>
> Anyone had used Teruhiko Hayashi (JA2SVZ) Custom Integrated Circuit Replacement Module?
>
> Best regards,
>
>
>
> Alex Almonte

Alex,
answer = yes. It works quite well. I bought two of them. One has restored my FT107 and the other is on hold in case I need it for my FT707. Easy to install. Well worth the $$. Also Terhuiko is very approachable and ready to answer questions. 73 , paul

[Non-text portions of this message have been removed]

913. extended coverage

Yahoo group: FT-707
Date: 2010-10-30 04:30:01 UTC
From: john_kb9ikh
Topic: 913 Message: 913

does anyone know if there is any exteneded frequency mods other than the warac bands? not counting the 11 meter mod which i dont want..more general coverage is what i'm looking for..

john

914. Re: [FT-707] extended coverage

Yahoo group: FT-707
Date: 2010-10-31 19:45:49 UTC
From: francesco messineo
Topic: 913 Message: 914

Hello John,

On 10/30/10, john_kb9ikh <thunderboomurr@...> wrote:
> does anyone know if there is any exteneded frequency mods other than the
> warac bands? not counting the 11 meter mod which i dont want..more
> general coverage is what i'm looking for..

the FT-707 conversion scheme is based on a series of xtal oscillators,
one for each bandswitch position, and a 5 to 5.5 MHz analog VFO,
there's no easy way to expand it other than substituting one or more
of the fixed xtal oscillators and/or trying with an external VFO which
covers more than the 5 to 5.5 MHz range. Internal band filters would
anyway render any real attempt at "more general coverage" really hard.
It has many advantages over general coverage receivers though.
Best 73
Frank IZ8DWF

915. extended coverage

Yahoo group: FT-707
Date: 2010-10-31 20:08:41 UTC
From: Ian McGowan
Topic: 913 Message: 915

Hi John,
Because of the design (mixer VFO on each band) general coverage is not possible with the FT707.

Cheers, Ian, G8OFZ.

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 9.0.864 / Virus Database: 271.1.1/3228 - Release Date: 10/30/10 18:34:00

[Non-text portions of this message have been removed]

916. RE: [FT-707] extended coverage

Yahoo group: FT-707
Date: 2010-10-31 19:01:51 UTC
From: DARRELL STEELE
Topic: 913 Message: 916

i tried fooling around with the channel crystals, she can go a little outside the band limits.

check out my youtube video, shows what i found:

http://www.youtube.com/watch?v=hkpgFXPy9II

Regards: Radionut53 / vo1mds / Darrell Steele

Visit my website: http://radionut53.tripod.com
Youtube: http://www.youtube.com/user/radionut63
Youtube: http://www.youtube.com/user/VideosOfNewfoundland

To: FT-707@yahoogroups.com
From: thunderboomurr@...
Date: Sat, 30 Oct 2010 04:30:01 +0000
Subject: [FT-707] extended coverage

does anyone know if there is any exteneded frequency mods other than the warac bands? not counting the 11 meter mod which i dont want..more general coverage is what i'm looking for..

john

[Non-text portions of this message have been removed]

917. transverter on ebay - 6 meters

Yahoo group: FT-707
Date: 2010-11-11 17:40:59 UTC
From: Kb3hg@aol.com
Topic: 917 Message: 917

Just stumbled upon it, I have no connection to this, about 9 hours left

http://cgi.ebay.com/YAESU-transverter-ORG-BOX-w-MANUAL-SCHEMATICS-vgc-/250722119247?pt=LH_DefaultDomain_0&hash=item3a6033ee4f

Tom kb3hg

[Non-text portions of this message have been removed]

918. FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-19 01:44:13 UTC
From: dtosh
Topic: 918 Message: 918

Yes, you read the subject correctly! I have just purchased an FT-707 as a project. One of the things that I am curious about is the feasibility of removing the 100w PA Unit and operation as if it were the QRP FT-707s. The FT-707s units are much harder to find and I would like to have the low power capability.

Any suggestions?

Thanks,
Dan
N5GX

919. Re: [FT-707] FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-19 09:43:09 UTC
From: Alexander Almonte
Topic: 918 Message: 919

I think its impractical to disassemble your FT707 and convert it to a 10W rig. I suggest if you use the radio, just adjust your TX to 10W (and use other power meter to measure it). I know your intentions but for me its really impractical. I hope you get me.
Thanks.

Best regards,

Alex

--- On Fri, 19/11/10, dtosh <djtosh@...> wrote:

From: dtosh <djtosh@...>
Subject: [FT-707] FT-707 to FT-707s ???
To: FT-707@yahoogroups.com
Date: Friday, 19 November, 2010, 9:44 AM

Yes, you read the subject correctly! I have just purchased an FT-707 as a project. One of the things that I am curious about is the feasibility of removing the 100w PA Unit and operation as if it were the QRP FT-707s. The FT-707s units are much harder to find and I would like to have the low power capability.

Any suggestions?

Thanks,

Dan

N5GX

[Non-text portions of this message have been removed]

920. Re: [FT-707] FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-19 13:35:28 UTC
From: Curt Nixon
Topic: 918 Message: 920

WEll..The PA module is very easily removed. It has a single, small coax in and out and three other wires besides the hevay 13V power in which is also a connector. I haven't looked at the last driver stages to see if they are low impedance, but if you could compare to the S version, it is certainly possible. Even if you have to build a small output stage for Z matching. However, it might be just as easy to alter the PA module to run at the very low power levels under 10W. The bias circuit, temp compensation and rx/tx all happen on-board the PA via the 13.5Tx line. It originates on the ALC board and goes thru a relay and diodes on the main board before running to the PA.

I have rebuilt a couple of these PA modules and they are a bugger to work on but seem robust.

Perhaps reducing the PA voltage, or just padding the input from the driver so the output can run linear but low.

I like mine.

Curt
KU8L

dtosh wrote:
>
> Yes, you read the subject correctly! I have just purchased an FT-707
> as a project. One of the things that I am curious about is the
> feasibility of removing the 100w PA Unit and operation as if it were
> the QRP FT-707s. The FT-707s units are much harder to find and I would
> like to have the low power capability.
>
> Any suggestions?
>
> Thanks,
> Dan
> N5GX
>
>

921. Re: [FT-707] FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-19 18:57:54 UTC
From: Kb3hg@aol.com
Topic: 918 Message: 921

down load --- Varibale Power.txtPower Mod, ft-707_power.gifPower mod @ the files section of the 707 group, These 2 files will give you a detailed solution to you needs.

-----Original Message-----
From: dtosh <djtosh@...>
To: FT-707@yahoogroups.com
Sent: Thu, Nov 18, 2010 8:44 pm
Subject: [FT-707] FT-707 to FT-707s ???

Any suggestions?

Thanks,
Dan
N5GX

[Non-text portions of this message have been removed]

922. Re: [FT-707] FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-19 19:33:04 UTC
From: Kb3hg@aol.com
Topic: 918 Message: 922

oops..... The last part of my previous post should read" These 2 files have the details of a solution to meet your requested need. A 3rd file in original Dutch is there also but I have listed the English version and the schematic.

Tom Kb3hg

-----Original Message-----
From: Kb3hg@...
To: FT-707@yahoogroups.com
Sent: Fri, Nov 19, 2010 1:57 pm
Subject: Re: [FT-707] FT-707 to FT-707s ???

down load --- Varibale Power.txtPower Mod, ft-707_power.gifPower mod @ the files section of the 707 group, These 2 files will give you a detailed solution to you needs.

-----Original Message-----
From: dtosh <djtosh@...>
To: FT-707@yahoogroups.com
Sent: Thu, Nov 18, 2010 8:44 pm
Subject: [FT-707] FT-707 to FT-707s ???

Any suggestions?

Thanks,
Dan
N5GX

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

923. Re: FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-19 20:25:04 UTC
From: g8ofz
Topic: 918 Message: 923

Regretably, there is an error in the schematic of this mod. Namely the diode in parallel with the relay coil is drawn the wrong way round.
Also, having tried this mod. and later removed it, it is in my opinion totally unnecessary. I work QRP with my 707, on both CW and SSB and, by using an external power/SWR meter, have no problem reducing the output to antenna to below 5W in either mode using the standard "mic" and "car" level controls.

My advice - don't do this mod. and don't mess around removing the 100W PA. You would be just making life difficult for yourself.

73 Ian
G8OFZ.

--- In FT-707@yahoogroups.com, Kb3hg@... wrote:
>
>
> down load --- Varibale Power.txtPower Mod, ft-707_power.gifPower mod @ the files section of the 707 group, These 2 files will give you a detailed solution to you needs.
>
>
>
> -----Original Message-----
> From: dtosh <djtosh@...>
> To: FT-707@yahoogroups.com
> Sent: Thu, Nov 18, 2010 8:44 pm
> Subject: [FT-707] FT-707 to FT-707s ???
>
>
>
>
> Any suggestions?
>
> Thanks,
> Dan
> N5GX
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

924. Re: FT-707 to FT-707s ???

Yahoo group: FT-707
Date: 2010-11-20 12:22:40 UTC
From: memsec2
Topic: 918 Message: 924

--- In FT-707@yahoogroups.com, "dtosh" <djtosh@...> wrote:
>

>
> Any suggestions?

Yes. There is already a solution to LP facilities within the cct of the FT707. Some versions of the transceiver only allowed 10 watts on ten metres, (for Japan I think). If you have the cct of the PB2094 and look at ALC Power control circuit, (J2003 Pin 6, Q25/Q22) you will notice that there is a notation "10w Power Control". Grounding Pin 6 will allow VR2006 to be set to a power output of your choice.
Some circuit drawings show this connection grounded at the 10m position of the band switch but most if not all European/US versions of PB2094A have the copper track on the board unused.
In my case, a small toggle switch mounted in the hole previously occupied the by the ground terminal at the back of the case is connected to ground on one lug and the copper track at pin 6 on the other switch solder lug, this allows me to run approx 40w when 100w is not required.

Gerge -- G3VBE, (Memsec RAOTA/RSARS)

925. Re: FT-707 to FT-707s TNX for all the replys

Yahoo group: FT-707
Date: 2010-11-20 13:04:07 UTC
From: dtosh
Topic: 918 Message: 925

Thanks to all for the many helpful suggestions. What a great group!
I can't seem to leave things alone. I may not make it better, but I will make it mine.

Thanks,
Dan
N5GX

926. RX Long delay before audio returns

Yahoo group: FT-707
Date: 2010-11-28 00:16:09 UTC
From: g0bak
Topic: 926 Message: 926

Hello and thanks for reading. I have recently bought a FT707 with a problem on transmit / receive. When keying the mike the radio transmits fine, however it takes ages before the audio returns to full volume when going into receive. I suspect a sticking relay. I have had a quick look in the radio tonight but I am unsure where to begin. I am by no means a novice to repairing radios etc but I really could do with someone pointing me in the right direction.
I have checked the voltage on the AVR Board and straight after going into receive, the 8 volt rx line on the AVR board is only showing 2.5 volts. There is a return to some distorted audio but it is not until the 8 volts returns that the audio is as it should be.
Do I need to get the AVR board out to get to the relay on the board and if so what do I need to remove to get the AVR board out?
Do you think I am heading in the right direction or do I need to be looking elsewhere?
Any help would be very much appreciated.

cheers Bill.

927. FT-707 Alignment Issues

Yahoo group: FT-707
Date: 2010-11-28 03:40:24 UTC
From: jaya
Topic: 927 Message: 927

Hi FT-707 Enthusiasts,

I have just completed aligning my recently acquired FT-707 from a local ham..The rig has 11m crystals replacing the 10C and 10D crystals (10A and 10B still intact)..Two questions that I hope the group could help me here:

1. Output is about 120+ W on 80, 30, 20 n 17 meter band..100+ W on 15m and 12m and only 75 W on 10 A and 50 W on 10 B meter (on 11 m is about 100W)..Is this normal? Is there anyway to increase the 10 A and 10 B output to about 100 W or somewehere close?

2. I noticed that when on LSB mode, my modulation heard on a separate receiver is more "Bassier and Fuller" than on USB mode (more treble and brighter on USB)..Is there anyway to adjust so that USB and LSB sound the same?

Many thanks,
JOY/YC0NSI

928. Re: [FT-707] RX Long delay before audio returns

Yahoo group: FT-707
Date: 2010-11-28 14:00:28 UTC
From: Curt Nixon
Topic: 926 Message: 928

What is going on with the tx 13V line during this. It should switch immediately 13V on TX 0 on Rx.

Curt
KU8L

g0bak wrote:
>
> Hello and thanks for reading. I have recently bought a FT707 with a
> problem on transmit / receive. When keying the mike the radio
> transmits fine, however it takes ages before the audio returns to full
> volume when going into receive. I suspect a sticking relay. I have had
> a quick look in the radio tonight but I am unsure where to begin. I am
> by no means a novice to repairing radios etc but I really could do
> with someone pointing me in the right direction.
> I have checked the voltage on the AVR Board and straight after going
> into receive, the 8 volt rx line on the AVR board is only showing 2.5
> volts. There is a return to some distorted audio but it is not until
> the 8 volts returns that the audio is as it should be.
> Do I need to get the AVR board out to get to the relay on the board
> and if so what do I need to remove to get the AVR board out?
> Do you think I am heading in the right direction or do I need to be
> looking elsewhere?
> Any help would be very much appreciated.
>
> cheers Bill.
>
>
>

929. Re: [FT-707] RX Long delay before audio returns

Yahoo group: FT-707
Date: 2010-11-28 13:42:09 UTC
From: francesco messineo
Topic: 926 Message: 929

Hi Bill,

On 11/28/10, g0bak <g0bak-m@...> wrote:
> Hello and thanks for reading. I have recently bought a FT707 with a problem
> on transmit / receive. When keying the mike the radio transmits fine,
> however it takes ages before the audio returns to full volume when going
> into receive. I suspect a sticking relay. I have had a quick look in the
> radio tonight but I am unsure where to begin. I am by no means a novice to
> repairing radios etc but I really could do with someone pointing me in the
> right direction.
> I have checked the voltage on the AVR Board and straight after going into
> receive, the 8 volt rx line on the AVR board is only showing 2.5 volts.
> There is a return to some distorted audio but it is not until the 8 volts
> returns that the audio is as it should be.
> Do I need to get the AVR board out to get to the relay on the board and if
> so what do I need to remove to get the AVR board out?
> Do you think I am heading in the right direction or do I need to be looking
> elsewhere?

Check and report also the TX13 and RX13 voltages on the AVR board.
Try tapping the relay on the AVR board and see if it speeds up the RX recovery.

vy 73

Frank IZ8DWF

930. Re: RX Long delay before audio returns

Yahoo group: FT-707
Date: 2010-11-30 01:16:55 UTC
From: g0bak
Topic: 926 Message: 930

Hello, Many thanks to all who gave me advice on my problem I have now fixed the radio. The problem was the larger of the 2 relays on the AVR Board. Switch cleaner did the job. However while I was in there I did take a wire from the 8 volt regulator just in case I need to add an external relay at a later date.

thanks again Bill.

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> Hi Bill,
>
> On 11/28/10, g0bak <g0bak-m@...> wrote:
> > Hello and thanks for reading. I have recently bought a FT707 with a problem
> > on transmit / receive. When keying the mike the radio transmits fine,
> > however it takes ages before the audio returns to full volume when going
> > into receive. I suspect a sticking relay. I have had a quick look in the
> > radio tonight but I am unsure where to begin. I am by no means a novice to
> > repairing radios etc but I really could do with someone pointing me in the
> > right direction.
> > I have checked the voltage on the AVR Board and straight after going into
> > receive, the 8 volt rx line on the AVR board is only showing 2.5 volts.
> > There is a return to some distorted audio but it is not until the 8 volts
> > returns that the audio is as it should be.
> > Do I need to get the AVR board out to get to the relay on the board and if
> > so what do I need to remove to get the AVR board out?
> > Do you think I am heading in the right direction or do I need to be looking
> > elsewhere?
>
> Check and report also the TX13 and RX13 voltages on the AVR board.
> Try tapping the relay on the AVR board and see if it speeds up the RX recovery.
>
> vy 73
>
> Frank IZ8DWF
>

931. Re: RX Long delay before audio returns

Yahoo group: FT-707
Date: 2010-11-30 02:37:15 UTC
From: Phillips, Dave (AZ75)
Topic: 926 Message: 931

Bill, Curt

The behavior sounds like desensitizing of the receiver by the power of the transmit signal. It can be an indication of failure to mute the receiver during transmit, causing the massive overload of the receivers AGC. This can also be caused by a failure in the antenna or transmit line due to induced inductance or capacitance. In both cases, the receiver is effectively struck deaf for an extended period while the voltage dissipates.

Induced inductance/capacitance in the antenna/coax can cause a buildup of DC voltage at the antenna terminal, effectively muting the receiver by overloading its input. This can be caused by a broken antenna, open coax shield, and many other problems in the transmit line. You should try the same test with a dummy load attached at the FT-707 to determine if the behavior is related to the antenna/coax.

If the problem persists with a dummy load, I suggest you determine if the delay in return of receiver sensitivity occurs with the "AGC" button released. The result should show if the AGC is being overloaded, but only if the AGC switching circuit is working properly and can be switched off. . Failure to mute the receiver front end allows the transmit signal to enter the receiver front end, causing the AGC to be saturated, which then causes a significant delay in return of receiver sensitivity while the AGC capacitors drain. This can be serious because enough RF in the receiver front end will eventually kill it.

In transmit mode, Tx13.5v is applied to pin 3 of J2001 on the RF board, where it couples through C2006/D2001, placing a DC blocking voltage on the cathode of D2002, muting the receiver input on transmit. You should check these circuit components first to determine why the receiver is not being muted during transmit.

Good Luck

Dave

KB7JS

[Non-text portions of this message have been removed]

932. FT-707 with continuous CW output

Yahoo group: FT-707
Date: 2010-12-02 00:29:32 UTC
From: Michel
Topic: 932 Message: 932

My very new old FT-707 is a bit sick. It gives me a steady output when switching to CW-W or CW-N mode like if the key was down.
But the audio tone is OK and goes with the key. The carrier is doing the job as well (from 0w to 110w).

I'm suspecting so the RF part (Q1005) to be grounded permanently but I was not able till now to identify the cause.

Any thoughts on this would be most welcome.
Thanks for reading anyway.

73
Michel
ON5HF

933. Selling an FT-707 and matching PS, Tuner, more.

Yahoo group: FT-707
Date: 2010-12-27 01:52:09 UTC
From: ray1963_1999
Topic: 933 Message: 933

To update my ham radio station, I am selling my Yaesu FT-707 transceiver with matching power supply, antenna tuner, and other accessories.

Included is the matchin FP-707 power supply, and the matching FC-707 antenna tuner.

In addition I am including the YM-35 hand microphone, the XF-8.9HCM CW filter, and the Maintenance Service Manual for the tranceiver, and a copy of the tuner instruction manual.

Good working condition. Some spots of rust on the case.

I am hoping to find a local buyer for this rig,to avoid shipping.I'm willing to arrange a pick up instead. I'm located in upstate New York, in a suburb of Albany.

I am asking $600 for the entire package. If shipping is necessary, that will cost extra, of course.

Photos on request.

Thanks, and 73,

Ray
KG2B

934. ssb audio

Yahoo group: FT-707
Date: 2011-01-11 15:25:20 UTC
From: john_kb9ikh
Topic: 934 Message: 934

does anyone know of a mod to monitor ssb audio as it leaves the final.?

935. setting PA bias

Yahoo group: FT-707
Date: 2011-01-12 03:47:06 UTC
From: jeffpinsky@ymail.com
Topic: 935 Message: 935

I'm restoring an eBay junker and have the PA deck torn down. Replaced the burnt part and re-thermal greased the transistors (boy that stuff gets brittle after 30 years). I couldn't find the procedure for setting the bias in the service manual and before I start zero biasing the finals to get a baseline idle current, I figured I'd ask the experts here first. It's not an easy adjustment to get to and I'd like to get it set before putting all the screws back in. Thanks.

936. Re: setting PA bias

Yahoo group: FT-707
Date: 2011-01-12 16:27:33 UTC
From: captcurt2000
Topic: 935 Message: 936

GM:

I asked this question last fall here:

http://groups.yahoo.com/group/FT-707/message/902

Never really found a definitive answer so I set for the .7V as noted in the voltage charts. This kind of makes sense because you never want those devices to be "OFF" during the Each's power cycle.

I set mine that way and it has seemed to be operating fine.

I suppose you could use a scope and feed a single tone into the unit on SSB and monitor for any distortion. Although I suspect that if it were really critical, then the service manual would show a procedure.

I searched extensively on-line for information but found no reference.

Neither is there any reference to a bias adjustment in the service manual for the FT-ONE which use the same PA module. (slight repackage)

FWIW

Curt
KU8L

--- In FT-707@yahoogroups.com, "jeffpinsky@..." <jeffpinsky@...> wrote:
>
> I'm restoring an eBay junker and have the PA deck torn down. Replaced the burnt part and re-thermal greased the transistors (boy that stuff gets brittle after 30 years). I couldn't find the procedure for setting the bias in the service manual and before I start zero biasing the finals to get a baseline idle current, I figured I'd ask the experts here first. It's not an easy adjustment to get to and I'd like to get it set before putting all the screws back in. Thanks.
>

937. Re: setting PA bias

Yahoo group: FT-707
Date: 2011-01-16 14:44:44 UTC
From: jeffpinsky@ymail.com
Topic: 935 Message: 937

I tried and didn't like simply going for 0.7V on the base. The voltage across the base-emitter junction stayed at 0.7V from minimal current draw up through about 4 amps where the bias control range ended.

Here's a better solution for those who would need to make this adjustment (ie. after replacing parts in the bias of drive circuitry)
Disconnect the red (+) wire connector to the PA (the connector is blue) and insert an ammeter in series. Put the radio in the empty band position or press the fix button (you don't want to transmitting RF for this). Short out the base of Q07 (the bias drive transistor) to ground, this puts zero bias on the final PA stage. The other stages (drive and pre-driver) will still draw current. Key the radio and measure the current draw. Unkey the radio. Remove the shorting clip and key the radio. Adjust the bias control for 100ma more draw than the zero biased current. This sets the idle current for the 2SC2290 pair at 50ma each (assuming a well matched set - since there's no separate bias for each transistor, it's the best we can do). This parallels the Kenwood manual's method of setting up PA bias (but the Kenwood control allows zero bias, so there's no need for the temporary jumper). The Toshiba spec sheet for this transistor specifies 50ma idle current for SSB operation.

If you've replaced the finals with other transistors over time, adjust the bias to the specs for the transistors you have.

On an unrelated note: Has anyone else noticed the wires get brittle over time? Had to pull the front panel off during this restoration and just looking too hard at the junction of the wires to the front panel controls causes them to break. I must have resoldered 2 dozen of them back on.

--- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@...> wrote:
>
> GM:
>
> I asked this question last fall here:
>
>
> http://groups.yahoo.com/group/FT-707/message/902
>
>
> Never really found a definitive answer so I set for the .7V as noted in the voltage charts. This kind of makes sense because you never want those devices to be "OFF" during the Each's power cycle.
>
> I set mine that way and it has seemed to be operating fine.
>
> I suppose you could use a scope and feed a single tone into the unit on SSB and monitor for any distortion. Although I suspect that if it were really critical, then the service manual would show a procedure.

>
> I searched extensively on-line for information but found no reference.
>
> Neither is there any reference to a bias adjustment in the service manual for the FT-ONE which use the same PA module. (slight repackage)
>
> FWIW
>
> Curt
> KU8L
>
> --- In FT-707@yahoogroups.com, "jeffpinsky@" <jeffpinsky@> wrote:
> >
> > I'm restoring an eBay junker and have the PA deck torn down. Replaced the burnt part and re-thermal greased the transistors (boy that stuff gets brittle after 30 years). I couldn't find the procedure for setting the bias in the service manual and before I start zero biasing the finals to get a baseline idle current, I figured I'd ask the experts here first. It's not an easy adjustment to get to and I'd like to get it set before putting all the screws back in. Thanks.
> >
>

938. relay need

Yahoo group: FT-707
Date: 2011-01-21 15:58:31 UTC
From: peter.fenney
Topic: 938 Message: 938

hi im looking for a tx relay part number 221DO12 for my 707 transvertor
can anyone help dont mind if i have to pay for shipping from the states

thanks
pete 2E0BZU

939. [Fwd: Re: New FT-707 member]

Yahoo group: FT-707
Date: 2011-02-14 21:49:16 UTC
From: Pete March
Topic: 939 Message: 939

welcome OZ8ABR!

-----Original Message-----
From: Yahoo! Groups Notification <notify@yahoogroups.com>
To: FT-707-owner@yahoogroups.com
Subject: New FT-707 member
Date: 14 Feb 2011 15:58:42 -0000

Hello,

This is an automated email message to let you know that
oz8abr <bitpool@...> joined your FT-707
group.

Your group is currently configured to send you email
notification whenever a new member joins. To turn off
notification, visit:
http://groups.yahoo.com/group/FT-707/join

Thank you for choosing Yahoo! Groups as your email group
service for the FT-707 group.

Regards,

Yahoo! Groups Customer Care

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

940. Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 03:38:23 UTC
From: William Shadid
Topic: 940 Message: 940

I recently found a very nice FT-707 – along with the FP-707, the FC-707, and the FV-707DM. I have grown kind of fond of the little radio – and the accessories. But, one problem has come to light that perhaps some of you other owners can identify.

The radio works fine 80-12 meters – good output with over 100 watts on SSB peaks and CW. The radio provides full, bight audio through the microphone circuitry and signals receive good reports. However, on 10 meters it is a different story. On that band the CW output is again over 100 watts (about 110 watts). But, it id difficult to get the radio to provide good audio to fully modulate the transmitter. The Microphone Gain must be turned all the way up to get even minimal modulation. And, another issue on 10 meters – the digital readout becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30 watts. The readout flashes all kinds of numbers – leaving the appearance that the radio is moving around with wild oscillation. However, the signal, although low level on SSB, is clean and clear when monitored with another receiver. While on CW at 100 watts, the readout is wildly erratic (transmit only) but the note is clear and clean with a beautiful note.

My first thought on the readout is that somehow RF is getting into the readout counter circuitry. But the idea of the radio having less audio from the microphone on only 10 meters is a mystery.

Any thoughts would be greatly appreciated.

73,

-Bill, WA9MXQ

[Non-text portions of this message have been removed]

941. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 16:49:11 UTC
From: Curt Nixon
Topic: 940 Message: 941

Hi William:

Does it do the same thing into a good dummy load?

Curt
KU8L

William Shadid wrote:
>
>
> I recently found a very nice FT-707 – along with the FP-707, the
> FC-707, and the FV-707DM. I have grown kind of fond of the little
> radio – and the accessories. But, one problem has come to light that
> perhaps some of you other owners can identify.
>
> The radio works fine 80-12 meters – good output with over 100 watts on
> SSB peaks and CW. The radio provides full, bight audio through the
> microphone circuitry and signals receive good reports. However, on 10
> meters it is a different story. On that band the CW output is again
> over 100 watts (about 110 watts). But, it id difficult to get the
> radio to provide good audio to fully modulate the transmitter. The
> Microphone Gain must be turned all the way up to get even minimal
> modulation. And, another issue on 10 meters – the digital readout
> becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30
> watts. The readout flashes all kinds of numbers – leaving the
> appearance that the radio is moving around with wild oscillation.
> However, the signal, although low level on SSB, is clean and clear
> when monitored with another receiver. While on CW at 100 watts, the
> readout is wildly erratic (transmit only) but the note is clear and
> clean with a beautiful note.
>
> My first thought on the readout is that somehow RF is getting into the
> readout counter circuitry. But the idea of the radio having less audio
> from the microphone on only 10 meters is a mystery.
>
> Any thoughts would be greatly appreciated.
>
> 73,
>
> -Bill, WA9MXQ
>
> [Non-text portions of this message have been removed]
>
>

942. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 17:22:47 UTC
From: Thomas Carpenter
Topic: 940 Message: 942

Bill,
I'm not an expert but it sounds like the band switch could need a bit of cleaning or the 10m oscillators may need attention. Check grounds ect. Others will chime in. but sounds like you have a nice setup. Keep us posted.
73,
Tom Kb3hg

-----Original Message-----
From: William Shadid <wa9mxq@...>
To: FT-707@yahoogroups.com
Sent: Sun, Apr 17, 2011 11:38 pm
Subject: [FT-707] Available Audio and Readout Stability on 10 Meters

I recently found a very nice FT-707 – along with the FP-707, the FC-707, and the FV-707DM. I have grown kind of fond of the little radio – and the accessories. But, one problem has come to light that perhaps some of you other owners can identify.

The radio works fine 80-12 meters – good output with over 100 watts on SSB peaks and CW. The radio provides full, bight audio through the microphone circuitry and signals receive good reports. However, on 10 meters it is a different story. On that band the CW output is again over 100 watts (about 110 watts). But, it id difficult to get the radio to provide good audio to fully modulate the transmitter. The Microphone Gain must be turned all the way up to get even minimal modulation. And, another issue on 10 meters – the digital readout becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30 watts. The readout flashes all kinds of numbers – leaving the appearance that the radio is moving around with wild oscillation. However, the signal, although low level on SSB, is clean and clear when monitored with another receiver. While on CW at 100 watts, the readout is wildly erratic (transmit only) but the note is clear and clean with a beautiful note.

My first thought on the readout is that somehow RF is getting into the readout counter circuitry. But the idea of the radio having less audio from the microphone on only 10 meters is a mystery.

Any thoughts would be greatly appreciated.

73,

-Bill, WA9MXQ

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

943. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 18:13:32 UTC
From: William Shadid
Topic: 940 Message: 943

Curt,

Yes – tried it both into the dummy load with the FC-707 and also into a separate, stand alone dummy load. I did the stand alone dummy load test straight from the radio – not through the FC-707.

Thanks for the thought. Kind of a mystery!!

73,

-Bill, WA9MXQ

From: Curt Nixon
Sent: Monday, April 18, 2011 11:49 AM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Hi William:

Does it do the same thing into a good dummy load?

Curt
KU8L

William Shadid wrote:
>
>
> I recently found a very nice FT-707 – along with the FP-707, the
> FC-707, and the FV-707DM. I have grown kind of fond of the little
> radio – and the accessories. But, one problem has come to light that
> perhaps some of you other owners can identify.
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> The radio works fine 80-12 meters – good output with over 100 watts on
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> radio to provide good audio to fully modulate the transmitter. The
> Microphone Gain must be turned all the way up to get even minimal
> modulation. And, another issue on 10 meters – the digital readout
> becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30
> watts. The readout flashes all kinds of numbers – leaving the
> appearance that the radio is moving around with wild oscillation.
> However, the signal, although low level on SSB, is clean and clear
> when monitored with another receiver. While on CW at 100 watts, the
> readout is wildly erratic (transmit only) but the note is clear and
> clean with a beautiful note.

>
> My first thought on the readout is that somehow RF is getting into the
> readout counter circuitry. But the idea of the radio having less audio
> from the microphone on only 10 meters is a mystery.
>
> Any thoughts would be greatly appreciated.
>
> 73,
>
> -Bill, WA9MXQ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

944. RE: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 17:02:53 UTC
From: Dave
Topic: 940 Message: 944

RF into the audio could do that. Tell us more about the arial system (that is feeder, atu and antenna proper) and the grounding arrangemnt.

.... posting edited, your moderator ....

945. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 18:26:57 UTC
From: William Shadid
Topic: 940 Message: 945

Tom,

I wondered about the band switch – but noted also that it seems to be sealed. That seemed verified by some other postings here.

I am in the process of going through internal connections to see if there is a problem with grounds, etc. While the shortage of modulation audio is present on all bands to some degree, it is terrible on ten meters (screaming into the mic still netted only a few watts even though the CW output is over 100 watts and more. So, that seems to point to some ten meter related issue. This could be more than one problem – but usually it is not that complicated. And, by the way, I see no evidence that this radio had been converted to 11 meters at one time.

73,

-Bill, WA9MXQ

From: Thomas Carpenter
Sent: Monday, April 18, 2011 12:22 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Bill,
I'm not an expert but it sounds like the band switch could need a bit of cleaning
or the 10m oscillators may need attention. Check grounds ect. Others will chime in.
but sounds like you have a nice setup. Keep us posted.
73,
Tom Kb3hg

-----Original Message-----
From: William Shadid <mailto:wa9mxq%40att.net>
To: mailto:FT-707%40yahoogroups.com
Sent: Sun, Apr 17, 2011 11:38 pm
Subject: [FT-707] Available Audio and Readout Stability on 10 Meters

I recently found a very nice FT-707 – along with the FP-707, the FC-707, and the FV-707DM. I have grown kind of fond of the little radio – and the accessories. But, one problem has come to light that perhaps some of you other owners can identify.

The radio works fine 80-12 meters – good output with over 100 watts on SSB peaks and CW. The radio provides full, bight audio through the microphone circuitry and signals receive good reports. However, on 10 meters it is a different story. On that band the CW output is again over 100 watts (about 110 watts). But, it id difficult to get the radio to provide good audio to fully modulate the transmitter. The Microphone Gain must be turned all the way up to get even minimal modulation. And, another issue on 10 meters – the digital readout

becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30 watts. The readout flashes all kinds of numbers – leaving the appearance that the radio is moving around with wild oscillation. However, the signal, although low level on SSB, is clean and clear when monitored with another receiver. While on CW at 100 watts, the readout is wildly erratic (transmit only) but the note is clear and clean with a beautiful note.

My first thought on the readout is that somehow RF is getting into the readout counter circuitry. But the idea of the radio having less audio from the microphone on only 10 meters is a mystery.

Any thoughts would be greatly appreciated.

73,

-Bill, WA9MXQ

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

946. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 18:44:51 UTC
From: Curt Nixon
Topic: 940 Message: 946

Hi Bill:

The dummy load eliminates a lot of questions tho.

I would take a good look at the band pass filter board and look for some failed connection or switching associated with the 10M section.

If it works OK at low power levels, that is a good start.

Also, When the display goes haywire, have you monitored the 12V power line to see if it is OK?

There are many things that might be going on there. the ALC could do some strange things if the amp is all unstable.

In this rig, the frequency determination is by analog VFO, the display is nothing more than a freq counter, so it can go south and the rig still works fine, but a flaky regulator--possibly getting an RF jolt from a poor connection somewhere in rig (bandpass) could probably present like this.

Can't for the next couple of days, but I will take a peak at the schematics and see if anything else comes to mind..if you don't get it before.

Curt
KU8L

William Shadid wrote:
>
>
> Curt,
>
> Yes – tried it both into the dummy load with the FC-707 and also into
> a separate, stand alone dummy load. I did the stand alone dummy load
> test straight from the radio – not through the FC-707.
>
> Thanks for the thought. Kind of a mystery!!
>
> 73,
>
> -Bill, WA9MXQ
>
> From: Curt Nixon
> Sent: Monday, April 18, 2011 11:49 AM
> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

>
> Hi William:
>
> Does it do the same thing into a good dummy load?
>
> Curt
> KU8L
>
> William Shadid wrote:
> >
> >
> > I recently found a very nice FT-707 – along with the FP-707, the
> > FC-707, and the FV-707DM. I have grown kind of fond of the little
> > radio – and the accessories. But, one problem has come to light that
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> > The radio works fine 80-12 meters – good output with over 100 watts on
> > SSB peaks and CW. The radio provides full, bight audio through the
> > microphone circuitry and signals receive good reports. However, on 10
> > meters it is a different story. On that band the CW output is again
> > over 100 watts (about 110 watts). But, it id difficult to get the
> > radio to provide good audio to fully modulate the transmitter. The
> > Microphone Gain must be turned all the way up to get even minimal
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> > becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30
> > watts. The readout flashes all kinds of numbers – leaving the
> > appearance that the radio is moving around with wild oscillation.
> > However, the signal, although low level on SSB, is clean and clear
> > when monitored with another receiver. While on CW at 100 watts, the
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> > My first thought on the readout is that somehow RF is getting into the
> > readout counter circuitry. But the idea of the radio having less audio
> > from the microphone on only 10 meters is a mystery.
> >
> > Any thoughts would be greatly appreciated.
> >
> > 73,
> >
> > -Bill, WA9MXQ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

947. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 18:48:33 UTC
From: Clive Hollins
Topic: 940 Message: 947

I have had a similar problem on a different set which was due to the power supply sagging. A possibility perhaps?
----- Original Message -----
From: "William Shadid" <wa9mxq@...>
To: <FT-707@yahoogroups.com>
Sent: Monday, April 18, 2011 7:13 PM
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Curt,

Yes ??" tried it both into the dummy load with the FC-707 and also into a separate, stand alone dummy load. I did the stand alone dummy load test straight from the radio ??" not through the FC-707.

Thanks for the thought. Kind of a mystery!!

73,

-Bill, WA9MXQ

From: Curt Nixon
Sent: Monday, April 18, 2011 11:49 AM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Hi William:

Does it do the same thing into a good dummy load?

Curt
KU8L

William Shadid wrote:
>
>
> I recently found a very nice FT-707 ??" along with the FP-707, the
> FC-707, and the FV-707DM. I have grown kind of fond of the little
> radio ??" and the accessories. But, one problem has come to light that
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> The radio works fine 80-12 meters ??" good output with over 100 watts on
> SSB peaks and CW. The radio provides full, bight audio through the
> microphone circuitry and signals receive good reports. However, on 10
> meters it is a different story. On that band the CW output is again
> over 100 watts (about 110 watts). But, it id difficult to get the
> radio to provide good audio to fully modulate the transmitter. The
> Microphone Gain must be turned all the way up to get even minimal

> modulation. And, another issue on 10 meters ??" the digital readout
> becomes erratic when the power (CW or SSB) goes above perhaps 20 to 30
> watts. The readout flashes all kinds of numbers ??" leaving the
> appearance that the radio is moving around with wild oscillation.
> However, the signal, although low level on SSB, is clean and clear
> when monitored with another receiver. While on CW at 100 watts, the
> readout is wildly erratic (transmit only) but the note is clear and
> clean with a beautiful note.
>
> My first thought on the readout is that somehow RF is getting into the
> readout counter circuitry. But the idea of the radio having less audio
> from the microphone on only 10 meters is a mystery.
>
> Any thoughts would be greatly appreciated.
>
> 73,
>
> -Bill, WA9MXQ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

948. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-19 00:01:44 UTC
From: William Shadid
Topic: 940 Message: 948

Clive,

You are the second person – as you can see here – that has mentioned the power supply sag. I am going to get into that early one here – maybe this evening – to check it out.

73,

-Bill, WA9MXQ

From: Clive Hollins
Sent: Monday, April 18, 2011 1:48 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

I have had a similar problem on a different set which was due to the power supply sagging. A possibility perhaps?
----- Original Message -----
From: "William Shadid" <mailto:wa9mxq%40att.net>
To: <mailto:FT-707%40yahoogroups.com>
Sent: Monday, April 18, 2011 7:13 PM
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Curt,

Yes â?" tried it both into the dummy load with the FC-707 and also into a separate, stand alone dummy load. I did the stand alone dummy load test straight from the radio â?" not through the FC-707.

Thanks for the thought. Kind of a mystery!!

73,

-Bill, WA9MXQ

[Non-text portions of this message have been removed]

949. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 23:09:43 UTC
From: William Shadid
Topic: 940 Message: 949

Dave,

First of all – to the moderator – sorry about the length!!

Dave, there is no real antenna other than some on air tests. The radio exhibits all symptoms on a dummy load connected to the back of the rig. About two feet of coax. The behavior is no different with the antenna connected (not better and not worse). No ATU with the dummy load or the antenna. Early on I removed the FV-707DM and the FC-707 to rule them out as possible culprits in the game. (They have their own problems with dirty contacts in their relays.)

Grounding is ribbon fed array of three, eight foot ground rods not six feet from the operating position. Have tried removing the ground and only using AC ground – no difference (not better and not worse – absolutely the same symptoms).

Thanks and 73,

-Bill, WA9MXQ

From: Dave
Sent: Monday, April 18, 2011 12:02 PM
To: FT-707@yahoogroups.com
Subject: RE: [FT-707] Available Audio and Readout Stability on 10 Meters

RF into the audio could do that. Tell us more about the arial system (that is feeder, atu and antenna proper) and the grounding arrangemnt.

.... posting edited, your moderator ....

[Non-text portions of this message have been removed]

950. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-18 23:11:52 UTC
From: William Shadid
Topic: 940 Message: 950

Curt,

All points well taken – agreed on the dummy load – I sure expected when I put it on line the problems would vanish – not so!!

I will be into the issues below in the next day or so – first stop is that 12V condition in transmit.

Thanks and 73,

-Bill, WA9MXQ

From: Curt Nixon
Sent: Monday, April 18, 2011 1:44 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Hi Bill:

The dummy load eliminates a lot of questions tho.

I would take a good look at the band pass filter board and look for some failed connection or switching associated with the 10M section.

If it works OK at low power levels, that is a good start.

Also, When the display goes haywire, have you monitored the 12V power line to see if it is OK?

There are many things that might be going on there. the ALC could do some strange things if the amp is all unstable.

In this rig, the frequency determination is by analog VFO, the display is nothing more than a freq counter, so it can go south and the rig still works fine, but a flaky regulator--possibly getting an RF jolt from a poor connection somewhere in rig (bandpass) could probably present like this.

Can't for the next couple of days, but I will take a peak at the schematics and see if anything else comes to mind..if you don't get it before.

Curt
KU8L

[Non-text portions of this message have been removed]

951. RE: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-19 07:27:02 UTC
From: Dave
Topic: 940 Message: 951

One thing I have seen before, but it doesn't sound the case here is a resonant earth lead. Remember on 10Mtrs a 1/4 wave is 2.5 meters about (8ft 4in) so a counterpoise would be that long. Now because a quarter inverts high to low impeadance, it works as a counterpoise. Connect one end to the rig, leave the other open circuit, the rig things it has a low impeadance path to ground. However ground the "loose" end of the counter poise and the rig end becomes high impeadance. Weirdo things start to happen. Saw it in a mates shack with a 16ft (approx) earth wire....

>

Edited, your Moderator.

952. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-19 15:57:19 UTC
From: William Shadid
Topic: 940 Message: 952

Dave,

I agree with you - and have seen the same thing before also. In this case I have tried to at least see some difference by testing with my usual station ground, no ground but connection to the AC supply ground, and even with no ground at all (AC plug or station). Some of those I know are not practical but by trying that I would have expected at least some difference. But, no such luck - but I may not have ruled this completely out if there is some internal grounding issue in the radio. One big problem with a used radio is not knowing everything that has ever been done. This radio looks totally untouched inside - or maybe just untouched by a careless modifier. The big issue now is to go through looking for poor/loose connections.

Thanks.

73, Bill WA9MXQ

From: Dave
Sent: Tuesday, April 19, 2011 2:27 AM
To: FT-707@yahoogroups.com
Subject: RE: [FT-707] Available Audio and Readout Stability on 10 Meters

One thing I have seen before, but it doesn't sound the case here is a resonant earth lead. Remember on 10Mtrs a 1/4 wave is 2.5 meters about (8ft 4in) so a counterpoise would be that long. Now because a quarter inverts high to low impeadance, it works as a counterpoise. Connect one end to the rig, leave the other open circuit, the rig things it has a low impeadance path to ground. However ground the "loose" end of the counter poise and the rig end becomes high impeadance. Weirdo things start to happen. Saw it in a mates shack with a 16ft (approx) earth wire....

>

Edited, your Moderator.

[Non-text portions of this message have been removed]

953. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-19 18:23:04 UTC
From: Curt Nixon
Topic: 940 Message: 953

Another thought.

You indicated looking at the bandswitch and noting it was a sealed
unit. One of the first things I would look for, in the way of poor
connections, is/are the relays on the LPF board.

These can be carefully cleaned using bond paper and 99% alcohol or Deoxit.

Curt
KU8L

William Shadid wrote:
>
>
> Dave,
>
> I agree with you - and have seen the same thing before also. In this
> case I have tried to at least see some difference by testing with my
> usual station ground, no ground but connection to the AC supply
> ground, and even with no ground at all (AC plug or station). Some of
> those I know are not practical but by trying that I would have
> expected at least some difference. But, no such luck - but I may not
> have ruled this completely out if there is some internal grounding
> issue in the radio. One big problem with a used radio is not knowing
> everything that has ever been done. This radio looks totally untouched
> inside - or maybe just untouched by a careless modifier. The big issue
> now is to go through looking for poor/loose connections.
>
> Thanks.
>
> 73, Bill WA9MXQ
>
> From: Dave
> Sent: Tuesday, April 19, 2011 2:27 AM
> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> Subject: RE: [FT-707] Available Audio and Readout Stability on 10 Meters
>
> One thing I have seen before, but it doesn't sound the case here is a
> resonant earth lead. Remember on 10Mtrs a 1/4 wave is 2.5 meters about
> (8ft
> 4in) so a counterpoise would be that long. Now because a quarter inverts
> high to low impeadance, it works as a counterpoise. Connect one end to the
> rig, leave the other open circuit, the rig things it has a low impeadance
> path to ground. However ground the "loose" end of the counter poise
> and the
> rig end becomes high impeadance. Weirdo things start to happen. Saw it

> in a
> mates shack with a 16ft (approx) earth wire....
>
> >
>
> Edited, your Moderator.
>
> [Non-text portions of this message have been removed]
>
>

954. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-20 01:07:53 UTC
From: Thomas Carpenter
Topic: 940 Message: 954

Bill,
when I had refereed to grounds earlier, I meant the circuit board grounds to chassis. You know loosen the screws that hold the boards to chassis re tighten them or remove screws and remove any oxidation then remount board and tighten screws again. Another Possibility are the 1o meter band pass relays. clean the relay contacts. I have not seen is the ALC working correctly?

Tom Kb3hg

-----Original Message-----
From: William Shadid <wa9mxq@...>
To: FT-707@yahoogroups.com
Sent: Tue, Apr 19, 2011 11:57 am
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Dave,

I agree with you – and have seen the same thing before also. In this case I have tried to at least see some difference by testing with my usual station ground, no ground but connection to the AC supply ground, and even with no ground at all (AC plug or station). Some of those I know are not practical but by trying that I would have expected at least some difference. But, no such luck – but I may not have ruled this completely out if there is some internal grounding issue in the radio. One big problem with a used radio is not knowing everything that has ever been done. This radio looks totally untouched inside – or maybe just untouched by a careless modifier. The big issue now is to go through looking for poor/loose connections.

Thanks.

73, Bill WA9MXQ

From: Dave
Sent: Tuesday, April 19, 2011 2:27 AM
To: FT-707@yahoogroups.com
Subject: RE: [FT-707] Available Audio and Readout Stability on 10 Meters

[Non-text portions of this message have been removed]

955. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-20 10:34:31 UTC
From: William Shadid
Topic: 940 Message: 955

Good morning, Tom,

Thanks for the note – agreed on the board grounding. This is similar to how I find older Kenwood radios with what appears to be oxidation on the pins and sockets of interconnect cables and also with the mechanical fastener connections of the board ground foil to the chassis. This is my major area of concern. Also, I saw a note here yesterday on the issue of the contacts on the bandpass board relay contracts – starting with ten meters. That is also a good point as I go through the radio.

My feeling at this time is that the ALC is working correctly – but it is working against some other problem. The ALC setup process works just fine – that is, when setting the RF Power level with the meter in ALC position. That is smooth and seems to give about 110 watts output with the proper number of LED’s illuminated (ALC limit).

Thanks and 73,

-Bill, WA9MXQ

From: Thomas Carpenter
Sent: Tuesday, April 19, 2011 8:07 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Bill,
when I had refereed to grounds earlier, I meant the circuit board grounds to chassis. You know loosen the screws that hold the boards to chassis re tighten them or remove screws and remove any oxidation then remount board and tighten screws again. Another Possibility are the 1o meter band pass relays. clean the relay contacts. I have not seen is the ALC working correctly?

Tom Kb3hg

]

[Non-text portions of this message have been removed]

956. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-20 03:02:30 UTC
From: William Shadid
Topic: 940 Message: 956

Curt,

Good thoughts – I got pulled by business issues (sure cramps my radio time!!) today and through tomorrow – but the issue of connections added to contact cleaning of the relays will take center stage as we approach the weekend.

Response here has been great, by the way. Thanks to all of you – I will keep you posted on progress – but keep any suggestions coming.

73,

-Bill, WA9MXQ

From: Curt Nixon
Sent: Tuesday, April 19, 2011 1:23 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Another thought.

You indicated looking at the bandswitch and noting it was a sealed unit. One of the first things I would look for, in the way of poor connections, is/are the relays on the LPF board.

These can be carefully cleaned using bond paper and 99% alcohol or Deoxit.

Curt
KU8L

[Non-text portions of this message have been removed]

957. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-22 01:55:27 UTC
From: William Shadid
Topic: 940 Message: 957

To all,

Well, the 10 meter digital readout problems with the FT-707 have been solved. I told the suggestion from many of you to go after interconnections within the radio (connectors) and reseating of the fasteners holding down the boards. I started with the AF Board (no difference in operation) but found complete success after finishing the RF Board. I then did the rest of the boards as well – and also cleaned the contacts on every one of the relays on those boards. Bottom line is that the digital readout works fine now.

Now, I say the above but have to note that the radio seems to have less microphone audio available as the frequency gets higher – especially on ten meters and exactly as it has been from the time I wrote my first note to the reflector. I will want to get into that – and look at the first amplifier stage the mic audio sees.

But, thanks to a lot of good suggestions and kind assistance the radio is working now – no more aggravating erratic digital readout!!

I will keep you posted on the results of working with the audio.

Thanks and 73,

-Bill, WA9MXQ

From: William Shadid
Sent: Tuesday, April 19, 2011 10:02 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Curt,

Good thoughts – I got pulled by business issues (sure cramps my radio time!!) today and through tomorrow – but the issue of connections added to contact cleaning of the relays will take center stage as we approach the weekend.

Response here has been great, by the way. Thanks to all of you – I will keep you posted on progress – but keep any suggestions coming.

73,

-Bill, WA9MXQ

[Non-text portions of this message have been removed]

958. Re: [FT-707] Available Audio and Readout Stability on 10 Meters

Yahoo group: FT-707
Date: 2011-04-24 00:02:24 UTC
From: William Shadid
Topic: 940 Message: 958

To all,

Further to this problem – I have now cleared up the issue with the low modulation levels – it is tied to the YM-35 microphone and what appears to be a defective mic element. In tests I ran with CW output, SSB Average and Peak Reading on the YM-35, a Yaesu MD-1, and a Yaesu MD-100 I found that the YM-35 is sorely lacking in audio response. I am certain this is due to the element.

For some reference, on ten meters as the worst case band up to now, I found that with the YM-35 I attained an output of 2 watts average and 10 watts peak. With the MD-1 those numbers were 50 and 100 watts, respectively. The MD-100 numbers were 30 and 75. Both of the Yaesu desk microphones were acceptable – but the the MD-1 is decidedly better. The CW, key down, output all the while was 125 watts. The numbers only get better as the tests go from 10 down to 75 meters.

If any of you would like to see the complete chart of results, send me a note off the reflector and I will return an attached copy to you of the chart in Adobe (PDF) format.

This process is now complete – the radio performs very well – and the mysteries have been solved!! This is to the credit of the members of this reflector – I offer my thanks!!

73,

-Bill, WA9MXQ

From: William Shadid
Sent: Thursday, April 21, 2011 8:55 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Available Audio and Readout Stability on 10 Meters

To all,

Well, the 10 meter digital readout problems with the FT-707 have been solved. I told the suggestion from many of you to go after interconnections within the radio (connectors) and reseating of the fasteners holding down the boards. I started with the AF Board (no difference in operation) but found complete success after finishing the RF Board. I then did the rest of the boards as well – and also cleaned the contacts on every one of the relays on those boards. Bottom line is that the digital readout works fine now.

Now, I say the above but have to note that the radio seems to have less microphone audio available as the frequency gets higher – especially on ten meters and exactly as it has been from the time I wrote my first note to the reflector. I will want to get into that – and look at the first amplifier stage the mic audio sees.

But, thanks to a lot of good suggestions and kind assistance the radio is working now – no more aggravating erratic digital readout!!

I will keep you posted on the results of working with the audio.

Thanks and 73,

-Bill, WA9MXQ

[Non-text portions of this message have been removed]

959. FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-21 05:21:08 UTC
From: F5SSL
Topic: 959 Message: 959

Hello
My ft-707s has
0.5w on 80m
1w on 40m
1w on 30m
1.5 on 20m
4w on 17m
6.5w on 15m and 12/10m
Do you know what is the alignement to do?
Thanks 73's

960. Re: [FT-707] FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-21 15:51:42 UTC
From: Curt Nixon
Topic: 959 Message: 960

Unless someone has really messed it up, I would be surprised if this is an alignment issue.

Perhaps an ALC fault or a blown PA transistor pair.

I would also look at cleaning all the contacts on the various relays involved. Its tedious but important.

Curt
KU8L

F5SSL wrote:
>
> Hello
> My ft-707s has
> 0.5w on 80m
> 1w on 40m
> 1w on 30m
> 1.5 on 20m
> 4w on 17m
> 6.5w on 15m and 12/10m
> Do you know what is the alignement to do?
> Thanks 73's
>
>

961. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-21 18:48:38 UTC
From: F5SSL
Topic: 959 Message: 961

Hello
Yes somebody changed lot of VR and pots alignment (i can see it), I had the transceiver as is in the second-hand market... My transceiver has 11m and 45m...
I want to know what part to align. I ve see T2011 and T2012 on if unit with no result.
Thanks
Best regards

--- In FT-707@yahoogroups.com, Curt Nixon <captcurt@...> wrote:
>
> Unless someone has really messed it up, I would be surprised if this is
> an alignment issue.
>
> Perhaps an ALC fault or a blown PA transistor pair.
>
> I would also look at cleaning all the contacts on the various relays
> involved. Its tedious but important.
>
> Curt
> KU8L
>
> F5SSL wrote:
> >
> > Hello
> > My ft-707s has
> > 0.5w on 80m
> > 1w on 40m
> > 1w on 30m
> > 1.5 on 20m
> > 4w on 17m
> > 6.5w on 15m and 12/10m
> > Do you know what is the alignement to do?
> > Thanks 73's
> >
> >
>

962. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-21 19:36:06 UTC
From: pe1rea
Topic: 959 Message: 962

--- In FT-707@yahoogroups.com, "F5SSL" <f5ssl@...> wrote:
>
> Hello
> Yes somebody changed lot of VR and pots alignment (i can see it), I had the transceiver as is in the second-hand market... My transceiver has 11m and 45m...
> I want to know what part to align. I ve see T2011 and T2012 on if unit with no result.
> Thanks
> Best regards
>
You have a 707S I mean?
I had it once that the knob left up on the front turned the wrong way.
result, no power.

963. Re: [FT-707] Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-21 19:51:48 UTC
From: francesco messineo
Topic: 959 Message: 963

Hello,

On 6/21/11, F5SSL <f5ssl@...> wrote:
> Hello
> Yes somebody changed lot of VR and pots alignment (i can see it), I had the
> transceiver as is in the second-hand market... My transceiver has 11m and
> 45m...
> I want to know what part to align. I ve see T2011 and T2012 on if unit with
> no result.

I think there's only one way to fix it, download the service manual
and follow any alignment procedure from the start. If something
doesn't align as the manual states, then it must be something wrong to
fix.
My FT-707S also was left from the previous owner with 11m and 45m and
I had to order new xtals to fix it, then do a complete realignment.

73 es gl

Frank IZ8DWF

964. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-21 21:06:50 UTC
From: F5SSL
Topic: 959 Message: 964

Hello Frank
Yes i ve the service manual. For my problem, i have seen only ALC or T2011 2012 in IF unit to align (when i see all parts alignments in service manual). I did but without result. Other elements in the alignment process is far from my problem (they only concern the Receive or carrier or S-meter for exemple)
73's
SEB

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> Hello,
>
> On 6/21/11, F5SSL <f5ssl@...> wrote:
> > Hello
> > Yes somebody changed lot of VR and pots alignment (i can see it), I had the
> > transceiver as is in the second-hand market... My transceiver has 11m and
> > 45m...
> > I want to know what part to align. I ve see T2011 and T2012 on if unit with
> > no result.
>
> I think there's only one way to fix it, download the service manual
> and follow any alignment procedure from the start. If something
> doesn't align as the manual states, then it must be something wrong to
> fix.
> My FT-707S also was left from the previous owner with 11m and 45m and
> I had to order new xtals to fix it, then do a complete realignment.
>
> 73 es gl
>
> Frank IZ8DWF
>

965. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 00:04:06 UTC
From: jeffpinsky@ymail.com
Topic: 959 Message: 965

It's odd that the power goes up rather evenly as the frequency goes up. Alignment is pretty much band specific, so one would expect this to affect only one band, or all bands differently.
Some things to try are check the output from the RF board to the PA with a scope (or swap a watt meter with the PA input). It should be about 50mw. If the right power (or close) is getting to the PA, your alignment is close enough. With the increasing power with frequency, try bypassing the filter board and the relays (tap your watt meter and dummy load directly to the output of the PA). If the power level is about normal, look into stuck/burnt relays or shorts in the output filters.
Narrow it down to what works and where. Just tweaking away the alignment doesn't accomplish much other than eventually breaking the tuning slugs.

--- In FT-707@yahoogroups.com, "F5SSL" <f5ssl@...> wrote:
>
> Hello
> My ft-707s has
> 0.5w on 80m
> 1w on 40m
> 1w on 30m
> 1.5 on 20m
> 4w on 17m
> 6.5w on 15m and 12/10m
> Do you know what is the alignement to do?
> Thanks 73's
>

966. Re: [FT-707] Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 06:37:09 UTC
From: francesco messineo
Topic: 959 Message: 966

Hello Seb,

On 6/21/11, F5SSL <f5ssl@...> wrote:
> Hello Frank
> Yes i ve the service manual. For my problem, i have seen only ALC or T2011
> 2012 in IF unit to align (when i see all parts alignments in service
> manual). I did but without result. Other elements in the alignment process
> is far from my problem (they only concern the Receive or carrier or S-meter
> for exemple)

it could be anything, conversion mixers in the tx path for example, or
IF amplifiers.
It's never good to move alignment points until you are not sure about
where is the fault, it makes only thing worse (I've been there
too...).
I would first of all check the RF output going into the final PA, you
can do from the RFout connector on the back of the rig, check the
power level at the connector on each band.
You need an oscilloscope (or milliwattmeter or spectrum analyzer,
whatever can see small power levels).
I would also check all the bands for correct RX sensitivity with a
signal generator (or internal calibrator would also do it, more or
less), since many blocks are shared between tx and rx path and this
would also give an hint about the real problem.

Again 73 es GL

Frank IZ8DWF
> 73's
> SEB
>
> --- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...>
> wrote:
>>
>> Hello,
>>
>> On 6/21/11, F5SSL <f5ssl@...> wrote:
>> > Hello
>> > Yes somebody changed lot of VR and pots alignment (i can see it), I had
>> > the
>> > transceiver as is in the second-hand market... My transceiver has 11m
>> > and
>> > 45m...
>> > I want to know what part to align. I ve see T2011 and T2012 on if unit
>> > with
>> > no result.

>>
>> I think there's only one way to fix it, download the service manual
>> and follow any alignment procedure from the start. If something
>> doesn't align as the manual states, then it must be something wrong to
>> fix.
>> My FT-707S also was left from the previous owner with 11m and 45m and
>> I had to order new xtals to fix it, then do a complete realignment.
>>
>> 73 es gl
>>
>> Frank IZ8DWF
>>
>
>
>

967. Re: [FT-707] Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 11:27:22 UTC
From: Dave Wade
Topic: 959 Message: 967

On 22/06/2011 01:04, jeffpinsky@... wrote:
> It's odd that the power goes up rather evenly as the frequency goes up.

Sounds like SWR bridge that it uses to generate ALC is faulty. Common issue on 707s...

> Alignment is pretty much band specific, so one would expect this to affect only one band, or all bands differently.
> Some things to try are check the output from the RF board to the PA with a scope (or swap a watt meter with the PA input). It should be about 50mw. If the right power (or close) is getting to the PA, your alignment is close enough. With the increasing power with frequency, try bypassing the filter board and the relays (tap your watt meter and dummy load directly to the output of the PA). If the power level is about normal, look into stuck/burnt relays or shorts in the output filters.
> Narrow it down to what works and where. Just tweaking away the alignment doesn't accomplish much other than eventually breaking the tuning slugs.
>
> --- In FT-707@yahoogroups.com, "F5SSL"<f5ssl@...> wrote:
>> Hello
>> My ft-707s has
>> 0.5w on 80m
>> 1w on 40m
>> 1w on 30m
>> 1.5 on 20m
>> 4w on 17m
>> 6.5w on 15m and 12/10m
>> Do you know what is the alignement to do?
>> Thanks 73's
>>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>

968. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 17:07:57 UTC
From: F5SSL
Topic: 959 Message: 968

Hello
Thanks
Can you tell me where and how to test the bridge?
73's

--- In FT-707@yahoogroups.com, Dave Wade <dave.g4ugm@...> wrote:
>
> On 22/06/2011 01:04, jeffpinsky@... wrote:
> > It's odd that the power goes up rather evenly as the frequency goes up.
>
> Sounds like SWR bridge that it uses to generate ALC is faulty. Common
> issue on 707s...
>
> > Alignment is pretty much band specific, so one would expect this to affect only one band, or all bands differently.
> > Some things to try are check the output from the RF board to the PA with a scope (or swap a watt meter with the PA input). It should be about 50mw. If the right power (or close) is getting to the PA, your alignment is close enough. With the increasing power with frequency, try bypassing the filter board and the relays (tap your watt meter and dummy load directly to the output of the PA). If the power level is about normal, look into stuck/burnt relays or shorts in the output filters.
> > Narrow it down to what works and where. Just tweaking away the alignment doesn't accomplish much other than eventually breaking the tuning slugs.
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> > --- In FT-707@yahoogroups.com, "F5SSL"<f5ssl@> wrote:
> >> Hello
> >> My ft-707s has
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> >> 1w on 30m
> >> 1.5 on 20m
> >> 4w on 17m
> >> 6.5w on 15m and 12/10m
> >> Do you know what is the alignement to do?
> >> Thanks 73's
> >>
> >
> >
> >
> > ------------------------------------
> >
> > Yaesu-Musen Radios: Quality all around!
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> >

> >
> >
>

969. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 17:13:37 UTC
From: F5SSL
Topic: 959 Message: 969

Hello
Yest ok, i will see output of rf board
73's
Best regards

--- In FT-707@yahoogroups.com, "jeffpinsky@..." <jeffpinsky@...> wrote:
>
> It's odd that the power goes up rather evenly as the frequency goes up. Alignment is pretty much band specific, so one would expect this to affect only one band, or all bands differently.
> Some things to try are check the output from the RF board to the PA with a scope (or swap a watt meter with the PA input). It should be about 50mw. If the right power (or close) is getting to the PA, your alignment is close enough. With the increasing power with frequency, try bypassing the filter board and the relays (tap your watt meter and dummy load directly to the output of the PA). If the power level is about normal, look into stuck/burnt relays or shorts in the output filters.
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> --- In FT-707@yahoogroups.com, "F5SSL" <f5ssl@> wrote:
> >
> > Hello
> > My ft-707s has
> > 0.5w on 80m
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> > 6.5w on 15m and 12/10m
> > Do you know what is the alignement to do?
> > Thanks 73's
> >
>

970. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 17:11:46 UTC
From: F5SSL
Topic: 959 Message: 970

Hello
Yes ok
I ve check sensibility and align parts of if unit in order like in service manual.
I ve not test RF output yet
73's and thanks for assistance
SEB

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> Hello Seb,
>
> On 6/21/11, F5SSL <f5ssl@...> wrote:
> > Hello Frank
> > Yes i ve the service manual. For my problem, i have seen only ALC or T2011
> > 2012 in IF unit to align (when i see all parts alignments in service
> > manual). I did but without result. Other elements in the alignment process
> > is far from my problem (they only concern the Receive or carrier or S-meter
> > for exemple)
>
> it could be anything, conversion mixers in the tx path for example, or
> IF amplifiers.
> It's never good to move alignment points until you are not sure about
> where is the fault, it makes only thing worse (I've been there
> too...).
> I would first of all check the RF output going into the final PA, you
> can do from the RFout connector on the back of the rig, check the
> power level at the connector on each band.
> You need an oscilloscope (or milliwattmeter or spectrum analyzer,
> whatever can see small power levels).
> I would also check all the bands for correct RX sensitivity with a
> signal generator (or internal calibrator would also do it, more or
> less), since many blocks are shared between tx and rx path and this
> would also give an hint about the real problem.
>
> Again 73 es GL
>
> Frank IZ8DWF
> > 73's
> > SEB
> >
> > --- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@>
> > wrote:
> >>
> >> Hello,
> >>

> >> On 6/21/11, F5SSL <f5ssl@> wrote:
> >> > Hello
> >> > Yes somebody changed lot of VR and pots alignment (i can see it), I had
> >> > the
> >> > transceiver as is in the second-hand market... My transceiver has 11m
> >> > and
> >> > 45m...
> >> > I want to know what part to align. I ve see T2011 and T2012 on if unit
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> >> > no result.
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> >> I think there's only one way to fix it, download the service manual
> >> and follow any alignment procedure from the start. If something
> >> doesn't align as the manual states, then it must be something wrong to
> >> fix.
> >> My FT-707S also was left from the previous owner with 11m and 45m and
> >> I had to order new xtals to fix it, then do a complete realignment.
> >>
> >> 73 es gl
> >>
> >> Frank IZ8DWF
> >>
> >
> >
> >
>

971. RE: [FT-707] Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-22 19:02:32 UTC
From: Dave
Topic: 959 Message: 971

The alignment should be in the service manual. I only have a non-"S" service guide. Does the "S" have an ALC button. If it does what does the display show on TX when you press it.

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of F5SSL
> Sent: 22 June 2011 18:08
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re: FT-707S low power output on low bands
> (1w) alignment?
>
>
> Hello
> Thanks
> Can you tell me where and how to test the bridge?
> 73's
>
> --- In FT-707@yahoogroups.com, Dave Wade <dave.g4ugm@...> wrote:
> >
> > On 22/06/2011 01:04, jeffpinsky@... wrote:
> > > It's odd that the power goes up rather evenly as the
> frequency goes
> > > up.
> >
> > Sounds like SWR bridge that it uses to generate ALC is
> faulty. Common
> > issue on 707s...
> >
> > > Alignment is pretty much band specific, so one would
> expect this to
> > > affect only one band, or all bands differently. Some
> things to try
> > > are check the output from the RF board to the PA with a scope (or
> > > swap a watt meter with the PA input). It should be about
> 50mw. If
> > > the right power (or close) is getting to the PA, your
> alignment is
> > > close enough. With the increasing power with frequency, try
> > > bypassing the filter board and the relays (tap your watt
> meter and
> > > dummy load directly to the output of the PA). If the
> power level is
> > > about normal, look into stuck/burnt relays or shorts in
> the output

> > > filters. Narrow it down to what works and where. Just
> tweaking away
> > > the alignment doesn't accomplish much other than
> eventually breaking
> > > the tuning slugs.
> > >
> > > --- In FT-707@yahoogroups.com, "F5SSL"<f5ssl@> wrote:
> > >> Hello
> > >> My ft-707s has
> > >> 0.5w on 80m
> > >> 1w on 40m
> > >> 1w on 30m
> > >> 1.5 on 20m
> > >> 4w on 17m
> > >> 6.5w on 15m and 12/10m
> > >> Do you know what is the alignement to do?
> > >> Thanks 73's
> > >>
> > >
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> > >
> > > ------------------------------------
> > >
> > > Yaesu-Musen Radios: Quality all around!
> > >
> > > Yahoo! Groups Links
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>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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>

972. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-23 07:07:07 UTC
From: F5SSL
Topic: 959 Message: 972

When i press the alc button, the power is the same on wattmeter but the display led of 707 when dark.

--- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
>
> The alignment should be in the service manual. I only have a non-"S" service
> guide. Does the "S" have an ALC button. If it does what does the display
> show on TX when you press it.
>
> > -----Original Message-----
> > From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> > On Behalf Of F5SSL
> > Sent: 22 June 2011 18:08
> > To: FT-707@yahoogroups.com
> > Subject: [FT-707] Re: FT-707S low power output on low bands
> > (1w) alignment?
> >
> >
> > Hello
> > Thanks
> > Can you tell me where and how to test the bridge?
> > 73's
> >
> > --- In FT-707@yahoogroups.com, Dave Wade <dave.g4ugm@> wrote:
> > >
> > > On 22/06/2011 01:04, jeffpinsky@ wrote:
> > > > It's odd that the power goes up rather evenly as the
> > frequency goes
> > > > up.
> > >
> > > Sounds like SWR bridge that it uses to generate ALC is
> > faulty. Common
> > > issue on 707s...
> > >
> > > > Alignment is pretty much band specific, so one would
> > expect this to
> > > > affect only one band, or all bands differently. Some
> > things to try
> > > > are check the output from the RF board to the PA with a scope (or
> > > > swap a watt meter with the PA input). It should be about
> > 50mw. If
> > > > the right power (or close) is getting to the PA, your
> > alignment is
> > > > close enough. With the increasing power with frequency, try
> > > > bypassing the filter board and the relays (tap your watt

> > meter and
> > > > dummy load directly to the output of the PA). If the
> > power level is
> > > > about normal, look into stuck/burnt relays or shorts in
> > the output
> > > > filters. Narrow it down to what works and where. Just
> > tweaking away
> > > > the alignment doesn't accomplish much other than
> > eventually breaking
> > > > the tuning slugs.
> > > >
> > > > --- In FT-707@yahoogroups.com, "F5SSL"<f5ssl@> wrote:
> > > >> Hello
> > > >> My ft-707s has
> > > >> 0.5w on 80m
> > > >> 1w on 40m
> > > >> 1w on 30m
> > > >> 1.5 on 20m
> > > >> 4w on 17m
> > > >> 6.5w on 15m and 12/10m
> > > >> Do you know what is the alignement to do?
> > > >> Thanks 73's
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> > > >
> > > > Yaesu-Musen Radios: Quality all around!
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> > > > Yahoo! Groups Links
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> >
> > Yaesu-Musen Radios: Quality all around!
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> > Yahoo! Groups Links
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973. RE: [FT-707] Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-23 17:01:40 UTC
From: Dave
Topic: 959 Message: 973

That's good, so its not ALC turning the power down so I don't think its an out of balance swr bridge.

If the ALC lights up the rig has turned the power to protect the PA.

I am now inclinde to agree with the others i.e. an alignment problem or coupling cap gone.

I think you need a workshop manual, isn't there one on-line any where?

Dave.

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of F5SSL
> Sent: 23 June 2011 08:07
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re: FT-707S low power output on low bands
> (1w) alignment?
>
>
> When i press the alc button, the power is the same on
> wattmeter but the display led of 707 when dark.
>
>
> --- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
> >
> > The alignment should be in the service manual. I only have
> a non-"S"
> > service guide. Does the "S" have an ALC button. If it does
> what does
> > the display show on TX when you press it.
> >
> > > -----Original Message-----
> > > From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> > > On Behalf Of F5SSL
> > > Sent: 22 June 2011 18:08
> > > To: FT-707@yahoogroups.com
> > > Subject: [FT-707] Re: FT-707S low power output on low bands
> > > (1w) alignment?
> > >
> > >
> > > Hello
> > > Thanks
> > > Can you tell me where and how to test the bridge?
> > > 73's

> > >
> > > --- In FT-707@yahoogroups.com, Dave Wade <dave.g4ugm@> wrote:
> > > >
> > > > On 22/06/2011 01:04, jeffpinsky@ wrote:
> > > > > It's odd that the power goes up rather evenly as the
> > > frequency goes
> > > > > up.
> > > > >
> > > > > Sounds like SWR bridge that it uses to generate ALC is
> > > faulty. Common
> > > > > issue on 707s...
> > > > >
> > > > > Alignment is pretty much band specific, so one would
> > > expect this to
> > > > > affect only one band, or all bands differently. Some
> > > things to try
> > > > > are check the output from the RF board to the PA with a scope
> > > > > (or
> > > > > swap a watt meter with the PA input). It should be about
> > > 50mw. If
> > > > > the right power (or close) is getting to the PA, your
> > > alignment is
> > > > > close enough. With the increasing power with frequency, try
> > > > > bypassing the filter board and the relays (tap your watt
> > > meter and
> > > > > dummy load directly to the output of the PA). If the
> > > power level is
> > > > > about normal, look into stuck/burnt relays or shorts in
> > > the output
> > > > > filters. Narrow it down to what works and where. Just
> > > tweaking away
> > > > > the alignment doesn't accomplish much other than
> > > eventually breaking
> > > > > the tuning slugs.
> > > > >
> > > > > --- In FT-707@yahoogroups.com, "F5SSL"<f5ssl@> wrote:
> > > > >> Hello
> > > > >> My ft-707s has
> > > > >> 0.5w on 80m
> > > > >> 1w on 40m
> > > > >> 1w on 30m
> > > > >> 1.5 on 20m
> > > > >> 4w on 17m
> > > > >> 6.5w on 15m and 12/10m
> > > > >> Do you know what is the alignement to do?
> > > > >> Thanks 73's
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> > > > > Yaesu-Musen Radios: Quality all around!
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974. Re: FT-707S low power output on low bands (1w) alignment?

Yahoo group: FT-707
Date: 2011-06-24 09:47:32 UTC
From: F5SSL
Topic: 959 Message: 974

Hello
I ve done all alignements in service manual RF UNIT IF UNIT and ALC
AF UNIT
Résult:
-0.7 w 80m
-1.5w 40m
-1.7w 30m
-2.5w 20.
-6.5w 17
-8.5w 15m
-10w 12m
-9w 10m

It is better but still the problem in lower band
I ve test output of RF board but i ve no milliwattmeter
On my oscillo, seem there are more level on lower band (??????????)

I ve not test the PA Bias

73's
SEB

--- In FT-707@yahoogroups.com, Dave Wade <dave.g4ugm@...> wrote:
>
> On 22/06/2011 01:04, jeffpinsky@... wrote:
> > It's odd that the power goes up rather evenly as the frequency goes up.
>
> Sounds like SWR bridge that it uses to generate ALC is faulty. Common
> issue on 707s...
>
> > Alignment is pretty much band specific, so one would expect this to affect only one band, or all bands differently.
> > Some things to try are check the output from the RF board to the PA with a scope (or swap a watt meter with the PA input). It should be about 50mw. If the right power (or close) is getting to the PA, your alignment is close enough. With the increasing power with frequency, try bypassing the filter board and the relays (tap your watt meter and dummy load directly to the output of the PA). If the power level is about normal, look into stuck/burnt relays or shorts in the output filters.
> > Narrow it down to what works and where. Just tweaking away the alignment doesn't accomplish much other than eventually breaking the tuning slugs.
> >
> > --- In FT-707@yahoogroups.com, "F5SSL"<f5ssl@> wrote:
> >> Hello
> >> My ft-707s has
> >> 0.5w on 80m
> >> 1w on 40m

> >> 1w on 30m
> >> 1.5 on 20m
> >> 4w on 17m
> >> 6.5w on 15m and 12/10m
> >> Do you know what is the alignement to do?
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> > ----------
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> > Yaesu-Musen Radios: Quality all around!
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975. Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-24 11:55:56 UTC
From: Mel
Topic: 975 Message: 975

After more than 20 years out of service, I've dusted off my 707 and am about to reinstall it on my sailboat. Works beautifully into an old Hustler mobile system on the stern...except when I flip the narrow CW filter in, the output drops to zero.

Any ideas? is there an alignment I'm not aware of? Dirty contact in the filter switch? Or is the filter somehow shot? Works perfectly on receive.

All ideas gratefully accepted.

Mel, W3PYF

976. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-24 15:35:59 UTC
From: Thomas Carpenter
Topic: 975 Message: 976

Mel,
Your carrier level is set where? Check your your ALC switch position, SWR is down?
I have one FT-707 with the filter and one FT-707 without the filter and have not seen this first hand.
Tom Kb3hg

-----Original Message-----
From: Mel <ct_digital_photog@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Jul 24, 2011 11:09 am
Subject: [FT-707] Next to zero power output with narrow CW filter...ideas?

After more than 20 years out of service, I've dusted off my 707 and am about to reinstall it on my sailboat. Works beautifully into an old Hustler mobile system on the stern...except when I flip the narrow CW filter in, the output drops to zero.

Any ideas? is there an alignment I'm not aware of? Dirty contact in the filter switch? Or is the filter somehow shot? Works perfectly on receive.

All ideas gratefully accepted.

Mel, W3PYF

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

977. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-24 17:18:17 UTC
From: francesco messineo
Topic: 975 Message: 977

On 7/24/11, Mel <ct_digital_photog@...> wrote:
> After more than 20 years out of service, I've dusted off my 707 and am about
> to reinstall it on my sailboat. Works beautifully into an old Hustler mobile
> system on the stern...except when I flip the narrow CW filter in, the output
> drops to zero.
>
> Any ideas? is there an alignment I'm not aware of? Dirty contact in the
> filter switch? Or is the filter somehow shot? Works perfectly on receive.

if the filter works fine on receive, I'd check for the presence of the
right switching voltage to the filter diodes when in TX mode.

73
Frank IZ8DWF

978. USB only works when Mode switched to CW-W?

Yahoo group: FT-707
Date: 2011-07-24 21:17:24 UTC
From: Brian Green
Topic: 978 Message: 978

I have a FT-707 that I inherited some years back from my stepdad and though he collected HAM radios, tended to modify them for 11 meters and talk out of band on them. Now that I just qualified for my General Class license, I'm pulling the 707 and giving it a try.

I was poking around 20 meters and I noticed that I couldn't get a lock on anyone on USB. USB sounds 'muffled', but you can pick up stations, just can't decipher them (ie AM pulls through fine). When I moved the Mode switch to CW-W or CW-N, anyone broadcasting USB works fine and I'm able to understand everyone.

The radio has been modified before (11 meter crystals on 10A and 10B), and I'm curious if this is a mod possibly, if maybe my mode selector is broken in the USB mode, or maybe something else? Why would I be able to understand USB fine on CW?

Thanks, Brian

979. Re: [FT-707] USB only works when Mode switched to CW-W?

Yahoo group: FT-707
Date: 2011-07-25 06:48:04 UTC
From: francesco messineo
Topic: 978 Message: 979

Hello Brian,

On Sun, Jul 24, 2011 at 11:17 PM, Brian Green <ice@...> wrote:
>
>
>
> I have a FT-707 that I inherited some years back from my stepdad and
> though he collected HAM radios, tended to modify them for 11 meters
> and talk out of band on them. Now that I just qualified for my
> General Class license, I'm pulling the 707 and giving it a try.
>
> I was poking around 20 meters and I noticed that I couldn't get a lock
> on anyone on USB. USB sounds 'muffled', but you can pick up stations,
> just can't decipher them (ie AM pulls through fine). When I moved the
> Mode switch to CW-W or CW-N, anyone broadcasting USB works fine and
> I'm able to understand everyone.
>
> The radio has been modified before (11 meter crystals on 10A and 10B),
> and I'm curious if this is a mod possibly, if maybe my mode selector
> is broken in the USB mode, or maybe something else? Why would I be
> able to understand USB fine on CW?

does the digital frequency readout varies when you switch from USB to CW?
11m mods shouldn't have anything to do with your problems, but I'd
replace the 11m xtals with the original 10m ones (as I did on my unit)
and realign the rig.

best 73
Frank IZ8DWF

980. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-25 12:06:22 UTC
From: Curt Nixon
Topic: 975 Message: 980

Which MODE output?? CW should work ok but SSB will not have any (much) output because the signal is mostly outside the filter BW.

One could hear USB thru the narrow CW filter but it would be very muffled since the filter is too narrow for SSB. Better to use the SSB-W and vary the PB width.

This is from what I remeber...I will connect tmy 707 later to verify.

Curt
KU8L

On 7/24/2011 1:18 PM, francesco messineo wrote:
>
> On 7/24/11, Mel <ct_digital_photog@...
> <mailto:ct_digital_photog%40yahoo.com>> wrote:
> > After more than 20 years out of service, I've dusted off my 707 and
> am about
> > to reinstall it on my sailboat. Works beautifully into an old
> Hustler mobile
> > system on the stern...except when I flip the narrow CW filter in,
> the output
> > drops to zero.
> >
> > Any ideas? is there an alignment I'm not aware of? Dirty contact in the
> > filter switch? Or is the filter somehow shot? Works perfectly on
> receive.
>
> if the filter works fine on receive, I'd check for the presence of the
> right switching voltage to the filter diodes when in TX mode.
>
> 73
> Frank IZ8DWF
>
>

[Non-text portions of this message have been removed]

981. Re: [FT-707] USB only works when Mode switched to CW-W?

Yahoo group: FT-707
Date: 2011-07-25 23:36:50 UTC
From: Brian Green
Topic: 978 Message: 981

Nope, the digital frequency output is stable on all modes and when keying up as well. I haven't officially tried to broadcast on 20m USB to see if it outputs okay on CW as USB since I'm still waiting for my callsign.

On Mon, Jul 25, 2011 at 1:48 AM, francesco messineo <francesco.messineo@...> wrote:
> Hello Brian,
>
> On Sun, Jul 24, 2011 at 11:17 PM, Brian Green <ice@...> wrote:
>>
>>
>>
>> I have a FT-707 that I inherited some years back from my stepdad and
>> though he collected HAM radios, tended to modify them for 11 meters
>> and talk out of band on them. Now that I just qualified for my
>> General Class license, I'm pulling the 707 and giving it a try.
>>
>> I was poking around 20 meters and I noticed that I couldn't get a lock
>> on anyone on USB. USB sounds 'muffled', but you can pick up stations,
>> just can't decipher them (ie AM pulls through fine). When I moved the
>> Mode switch to CW-W or CW-N, anyone broadcasting USB works fine and
>> I'm able to understand everyone.
>>
>> The radio has been modified before (11 meter crystals on 10A and 10B),
>> and I'm curious if this is a mod possibly, if maybe my mode selector
>> is broken in the USB mode, or maybe something else? Why would I be
>> able to understand USB fine on CW?
>
>
> does the digital frequency readout varies when you switch from USB to CW?
> 11m mods shouldn't have anything to do with your problems, but I'd
> replace the 11m xtals with the original 10m ones (as I did on my unit)
> and realign the rig.
>
> best 73
> Frank IZ8DWF
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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982. no output on SSB

Yahoo group: FT-707
Date: 2011-07-26 00:25:20 UTC
From: icbrkr
Topic: 982 Message: 982

... the 707 saga continues.

When I transmit on any mode besides AM, I don't appear to be broadcasting a signal, and my LED meter stays blank. I will assume my finals work as AM mode wouldn't function at this point - possible loose connection somewhere or is there a common fix for this?

Thanks, Brian

983. Re: no output on SSB

Yahoo group: FT-707
Date: 2011-07-27 00:14:16 UTC
From: jeffwa2scl
Topic: 982 Message: 983

When you use AM transmit, is there audio? AM is actually using the same RF path as SSB, but with the balanced modulator unbalanced. If there's audio on AM, check for broken wires (usually around the mode switch); if not (no audio on SSB = no output), follow the audio path from the mic to the balanced modulator input.

--- In FT-707@yahoogroups.com, "icbrkr" <ice@...> wrote:
>
> ... the 707 saga continues.
>
> When I transmit on any mode besides AM, I don't appear to be broadcasting a signal, and my LED meter stays blank. I will assume my finals work as AM mode wouldn't function at this point - possible loose connection somewhere or is there a common fix for this?
>
> Thanks, Brian
>

984. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-27 02:24:19 UTC
From: Mel Snyder
Topic: 975 Message: 984

Dumb me. I forgot that, in the CW narrow mode, even with the output peaked in the wide mode, there is still plenty of "knob space" to turn the carrier control further clockwise in the narrow mode.Full (100 watts) output through both filters.

First CQ on 40 CW - OK1 came back. FT-707 into a Hustler mobile whip on the stern pulpit of my 38 foot sloop.

30 years later - hope it just keeps going!

Thanks - Mel

From: Curt Nixon <captcurt@...>
To: FT-707@yahoogroups.com
Cc: francesco messineo <francesco.messineo@...>
Sent: Monday, July 25, 2011 8:06 AM
Subject: Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Which MODE output?? CW should work ok but SSB will not have any (much)
output because the signal is mostly outside the filter BW.

One could hear USB thru the narrow CW filter but it would be very
muffled since the filter is too narrow for SSB. Better to use the SSB-W
and vary the PB width.

This is from what I remeber...I will connect tmy 707 later to verify.

Curt
KU8L

On 7/24/2011 1:18 PM, francesco messineo wrote:
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> On 7/24/11, Mel <ct_digital_photog@...
> <mailto:ct_digital_photog%40yahoo.com>> wrote:
> > After more than 20 years out of service, I've dusted off my 707 and
> am about
> > to reinstall it on my sailboat. Works beautifully into an old
> Hustler mobile
> > system on the stern...except when I flip the narrow CW filter in,
> the output
> > drops to zero.
> >
> > Any ideas? is there an alignment I'm not aware of? Dirty contact in the
> > filter switch? Or is the filter somehow shot? Works perfectly on
> receive.
>
> if the filter works fine on receive, I'd check for the presence of the

> right switching voltage to the filter diodes when in TX mode.
>
> 73
> Frank IZ8DWF
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

985. Re: [FT-707] USB only works when Mode switched to CW-W?

Yahoo group: FT-707
Date: 2011-07-27 02:30:41 UTC
From: Mel Snyder
Topic: 978 Message: 985

You may have the "width" control set wrong. If set to the wrong sideband, the signal will sound muffled.Start with it at 12 o'clock, then slowly rotate it. Of course, it may be WAY out of alignment, too/

From: Brian Green <ice@...>
To: FT-707@yahoogroups.com
Sent: Monday, July 25, 2011 7:36 PM
Subject: Re: [FT-707] USB only works when Mode switched to CW-W?

Nope, the digital frequency output is stable on all modes and when keying up as well. I haven't officially tried to broadcast on 20m USB to see if it outputs okay on CW as USB since I'm still waiting for my callsign.

On Mon, Jul 25, 2011 at 1:48 AM, francesco messineo <francesco.messineo@...> wrote:
> Hello Brian,
>
> On Sun, Jul 24, 2011 at 11:17 PM, Brian Green <ice@...> wrote:
>>
>>
>>
>> I have a FT-707 that I inherited some years back from my stepdad and
>> though he collected HAM radios, tended to modify them for 11 meters
>> and talk out of band on them. Now that I just qualified for my
>> General Class license, I'm pulling the 707 and giving it a try.
>>
>> I was poking around 20 meters and I noticed that I couldn't get a lock
>> on anyone on USB. USB sounds 'muffled', but you can pick up stations,
>> just can't decipher them (ie AM pulls through fine). When I moved the
>> Mode switch to CW-W or CW-N, anyone broadcasting USB works fine and
>> I'm able to understand everyone.
>>
>> The radio has been modified before (11 meter crystals on 10A and 10B),
>> and I'm curious if this is a mod possibly, if maybe my mode selector
>> is broken in the USB mode, or maybe something else? Why would I be
>> able to understand USB fine on CW?
>
>
> does the digital frequency readout varies when you switch from USB to CW?
> 11m mods shouldn't have anything to do with your problems, but I'd
> replace the 11m xtals with the original 10m ones (as I did on my unit)
> and realign the rig.
>
> best 73

> Frank IZ8DWF
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

986. Re: [FT-707] no output on SSB

Yahoo group: FT-707
Date: 2011-07-27 02:35:46 UTC
From: Mel Snyder
Topic: 982 Message: 986

In SSB, you won't see the LED meter move unless you have a proper mike connected, the mike gain set, and you speak or push the push-to-talk. In CW, you need to close a key. Only in AM mode will the LED go full scale without a mike or speaking.

Do you have the manual for the 707?

From: icbrkr <ice@...>
To: FT-707@yahoogroups.com
Sent: Monday, July 25, 2011 8:25 PM
Subject: [FT-707] no output on SSB

... the 707 saga continues.

When I transmit on any mode besides AM, I don't appear to be broadcasting a signal, and my LED meter stays blank. I will assume my finals work as AM mode wouldn't function at this point - possible loose connection somewhere or is there a common fix for this?

Thanks, Brian

[Non-text portions of this message have been removed]

987. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-27 02:39:46 UTC
From: Mel Snyder
Topic: 975 Message: 987

Thanks, Tom - as I said earlier, lapse of memory. Forgot that even if you have full power output in wide position, you have to crank the carrier control further clockwise in narrow filter mode to get full output.

Ol' drifty working fine. Got a small pan fan I hope to blow through the rig and minimize the classic drifty-ness.

From: Thomas Carpenter <Kb3hg@...>
To: FT-707@yahoogroups.com
Sent: Sunday, July 24, 2011 11:35 AM
Subject: Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Mel,
Your carrier level is set where? Check your your ALC switch position, SWR is down?
I have one FT-707 with the filter and one FT-707 without the filter and have not seen this first hand.
Tom Kb3hg

-----Original Message-----
From: Mel <ct_digital_photog@...m>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Jul 24, 2011 11:09 am
Subject: [FT-707] Next to zero power output with narrow CW filter...ideas?

After more than 20 years out of service, I've dusted off my 707 and am about to reinstall it on my sailboat. Works beautifully into an old Hustler mobile system on the stern...except when I flip the narrow CW filter in, the output drops to zero.

Any ideas? is there an alignment I'm not aware of? Dirty contact in the filter switch? Or is the filter somehow shot? Works perfectly on receive.

All ideas gratefully accepted.

Mel, W3PYF

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

988. Re: [FT-707] no output on SSB

Yahoo group: FT-707
Date: 2011-07-27 13:05:37 UTC
From: Brian Green
Topic: 982 Message: 988

I read through the manual on this. A mic is hooked up, etc, and a second receiver tuned to the same frequency doesn't receive a signal (nor does the LED move on the 707) when in SSB mode, only AM. I'm thinking it's a possibility that my SWRs are too high on the wire I'm using (even with a tuner) and since I'm pushing out a max of 50W on AM and 100W on SSB, it might be either dropping the power or just preventing an over load on the finals. My SWRs shows 1.6ish on AM, but it might be much higher on SSB with more wattage being pushed through it.

On Tue, Jul 26, 2011 at 9:35 PM, Mel Snyder <ct_digital_photog@...> wrote:
> In SSB, you won't see the LED meter move unless you have a proper mike connected, the mike gain set, and you speak or push the push-to-talk. In CW, you need to close a key. Only in AM mode will the LED go full scale without a mike or speaking.
>
> Do you have the manual for the 707?
>
>
> _____
> From: icbrkr <ice@...>
> To: FT-707@yahoogroups.com
> Sent: Monday, July 25, 2011 8:25 PM
> Subject: [FT-707] no output on SSB
>
>
>
> ... the 707 saga continues.
>
> When I transmit on any mode besides AM, I don't appear to be broadcasting a signal, and my LED meter stays blank. I will assume my finals work as AM mode wouldn't function at this point - possible loose connection somewhere or is there a common fix for this?
>
> Thanks, Brian
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>

> Yahoo! Groups Links
>
>
>
>

989. Re: [FT-707] Re: no output on SSB

Yahoo group: FT-707
Date: 2011-07-27 13:06:54 UTC
From: Brian Green
Topic: 982 Message: 989

That's an idea, it seems a lot of my questions are focused around the
Mode switch possibly acting up. I'll take a look. Thanks.

On Tue, Jul 26, 2011 at 7:14 PM, jeffwa2scl <jeffpinsky@...> wrote:
> When you use AM transmit, is there audio? AM is actually using the same RF path as SSB, but with the balanced modulator unbalanced. If there's audio on AM, check for broken wires (usually around the mode switch); if not (no audio on SSB = no output), follow the audio path from the mic to the balanced modulator input.
>
> --- In FT-707@yahoogroups.com, "icbrkr" <ice@...> wrote:
>>
>> ... the 707 saga continues.
>>
>> When I transmit on any mode besides AM, I don't appear to be broadcasting a signal, and my LED meter stays blank. I will assume my finals work as AM mode wouldn't function at this point - possible loose connection somewhere or is there a common fix for this?
>>
>> Thanks, Brian
>>
>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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>

990. Re: [FT-707] Re: no output on SSB

Yahoo group: FT-707
Date: 2011-07-27 13:34:37 UTC
From: Brian Green
Topic: 982 Message: 990

It's the Mode Switch. It does transmit on LSB, on USB there's no way
to understand a USB signal even with the width/clarity settings set
properly, on USB it doesn't transmit any sort of audio. Hopefully
it's just a loose wire/connection or the connections need cleaning.
Thanks everyone.

On Wed, Jul 27, 2011 at 8:06 AM, Brian Green <ice@...> wrote:
> That's an idea, it seems a lot of my questions are focused around the
> Mode switch possibly acting up. I'll take a look. Thanks.
>
>
>
> On Tue, Jul 26, 2011 at 7:14 PM, jeffwa2scl <jeffpinsky@...> wrote:
>> When you use AM transmit, is there audio? AM is actually using the same RF path as SSB, but with the balanced modulator unbalanced. If there's audio on AM, check for broken wires (usually around the mode switch); if not (no audio on SSB = no output), follow the audio path from the mic to the balanced modulator input.
>>
>> --- In FT-707@yahoogroups.com, "icbrkr" <ice@...> wrote:
>>>
>>> ... the 707 saga continues.
>>>
>>> When I transmit on any mode besides AM, I don't appear to be broadcasting a signal, and my LED meter stays blank. I will assume my finals work as AM mode wouldn't function at this point - possible loose connection somewhere or is there a common fix for this?
>>>
>>> Thanks, Brian
>>>
>>
>>
>>
>>
>> ------------------------------------
>>
>> Yaesu-Musen Radios: Quality all around!
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>

991. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-27 13:41:04 UTC
From: Curt Nixon
Topic: 975 Message: 991

Excellent Mel:

Glad its working. I use a tuner and load the backstay on my old IOR Admirals Cup 40 footer. One-off from Ted Hood. 1975 Admirals Cup and 4 Atlantic crossings.

Have fun be safe.

Curt
KU8L

On 7/26/2011 10:24 PM, Mel Snyder wrote:
>
> Dumb me. I forgot that, in the CW narrow mode, even with the output
> peaked in the wide mode, there is still plenty of "knob space" to turn
> the carrier control further clockwise in the narrow mode.Full (100
> watts) output through both filters.
>
> First CQ on 40 CW - OK1 came back. FT-707 into a Hustler mobile whip
> on the stern pulpit of my 38 foot sloop.
>
> 30 years later - hope it just keeps going!
>
> Thanks - Mel
>
> _____
> From: Curt Nixon <captcurt@... <mailto:captcurt%40flash.net>>
> To: FT-707@...m <mailto:FT-707%40yahoogroups.com>
> Cc: francesco messineo <francesco.messineo@...
> <mailto:francesco.messineo%40gmail.com>>
> Sent: Monday, July 25, 2011 8:06 AM
> Subject: Re: [FT-707] Next to zero power output with narrow CW
> filter...ideas?
>
>
> Which MODE output?? CW should work ok but SSB will not have any (much)
> output because the signal is mostly outside the filter BW.
>
> One could hear USB thru the narrow CW filter but it would be very
> muffled since the filter is too narrow for SSB. Better to use the SSB-W
> and vary the PB width.
>
> This is from what I remeber...I will connect tmy 707 later to verify.
>
> Curt
> KU8L

>
> On 7/24/2011 1:18 PM, francesco messineo wrote:
> >
> > On 7/24/11, Mel <ct_digital_photog@yahoo.com
> <mailto:ct_digital_photog%40yahoo.com>
> > <mailto:ct_digital_photog%40yahoo.com>> wrote:
> > > After more than 20 years out of service, I've dusted off my 707 and
> > am about
> > > to reinstall it on my sailboat. Works beautifully into an old
> > Hustler mobile
> > > system on the stern...except when I flip the narrow CW filter in,
> > the output
> > > drops to zero.
> > >
> > > Any ideas? is there an alignment I'm not aware of? Dirty contact
> in the
> > > filter switch? Or is the filter somehow shot? Works perfectly on
> > receive.
> >
> > if the filter works fine on receive, I'd check for the presence of the
> > right switching voltage to the filter diodes when in TX mode.
> >
> > 73
> > Frank IZ8DWF
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
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>

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992. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-28 04:23:38 UTC
From: Mel Snyder
Topic: 975 Message: 992

I have an insulated backstay with an insulated copper wire spiral-wrapped over the stainless steel backstay. But at about 50 feet, it was lousy on all bands even with an antenna tunerThe Hustler is working better on 40 than the backstay.

I have an old Palomar impedance matching box, 52 ohms in, 52 to 8 ohms out in a series of switch positions, to match the 707 to the Hustler. Seems to work PERfectly. I can use an antenna tuner to get close to full band tuning, but the tuning is broader and probably less lossy with the matching transformer.

On 40, the lifelines and bow/stern pulpits are part of the array - if a gate is open, the tuning goes WAY off!

_____
From: Curt Nixon <captcurt@...>
To: FT-707@yahoogroups.com
Cc: Mel Snyder <ct_digital_photog@...>
Sent: Wednesday, July 27, 2011 9:41 AM
Subject: Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Excellent Mel:

Glad its working. I use a tuner and load the backstay on my old IOR
Admirals Cup 40 footer. One-off from Ted Hood. 1975 Admirals Cup and
4 Atlantic crossings.

Have fun be safe.

Curt
KU8L

On 7/26/2011 10:24 PM, Mel Snyder wrote:
>
> Dumb me. I forgot that, in the CW narrow mode, even with the output
> peaked in the wide mode, there is still plenty of "knob space" to turn
> the carrier control further clockwise in the narrow mode.Full (100
> watts) output through both filters.
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> First CQ on 40 CW - OK1 came back. FT-707 into a Hustler mobile whip
> on the stern pulpit of my 38 foot sloop.
>
> 30 years later - hope it just keeps going!
>
> Thanks - Mel
>
> _____
> From: Curt Nixon <captcurt@... <mailto:captcurt%40flash.net>>
> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>

> Cc: francesco messineo <francesco.messineo@...
> <mailto:francesco.messineo%40gmail.com>>
> Sent: Monday, July 25, 2011 8:06 AM
> Subject: Re: [FT-707] Next to zero power output with narrow CW
> filter...ideas?
>
>
> Which MODE output?? CW should work ok but SSB will not have any (much)
> output because the signal is mostly outside the filter BW.
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> One could hear USB thru the narrow CW filter but it would be very
> muffled since the filter is too narrow for SSB. Better to use the SSB-W
> and vary the PB width.
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>
> Curt
> KU8L
>
> On 7/24/2011 1:18 PM, francesco messineo wrote:
> >
> > On 7/24/11, Mel <ct_digital_photog@...
> <mailto:ct_digital_photog%40yahoo.com>
> > <mailto:ct_digital_photog%40yahoo.com>> wrote:
> > > After more than 20 years out of service, I've dusted off my 707 and
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> > > system on the stern...except when I flip the narrow CW filter in,
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> [Non-text portions of this message have been removed]
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993. Re: [FT-707] Next to zero power output with narrow CW filter...ideas?

Yahoo group: FT-707
Date: 2011-07-28 15:29:40 UTC
From: Curt Nixon
Topic: 975 Message: 993

OK...yes the LL are a part of the equation for sure.

I wonder if the spiral wrapping is somehow adversely affecting the set-up. Mine is roughly that length in the insulated portion and is SS airfoil rod. We just clamp a HV wire lead from there about 7' off the deck down to the SGC tuner just under the aft deck out of the weather..then coax to the rig. "I" is 66' so wire section must be 50 or a shade longer but no special care was taken to make it a "proper" length. Ground is to the central copper strap which connects to a keel bolt. 10,000 LB lead fin. THis setup worked reliably both trips across the pond.

Could be that the length is just a bad fraction. Perhaps experiment with a looser wrap of the spiral and or just use the SS backstay.

73

Curt
KU8L
SV FREEDOM ex ROBIN
USA 14300

On 7/28/2011 12:23 AM, Mel Snyder wrote:
>
> I have an insulated backstay with an insulated copper wire
> spiral-wrapped over the stainless steel backstay. But at about 50
> feet, it was lousy on all bands even with an antenna tunerThe Hustler
> is working better on 40 than the backstay.
>
> I have an old Palomar impedance matching box, 52 ohms in, 52 to 8 ohms
> out in a series of switch positions, to match the 707 to the Hustler.
> Seems to work PERfectly. I can use an antenna tuner to get close to
> full band tuning, but the tuning is broader and probably less lossy
> with the matching transformer.
>
> On 40, the lifelines and bow/stern pulpits are part of the array - if
> a gate is open, the tuning goes WAY off!
>
> _____
> From: Curt Nixon <captcurt@... <mailto:captcurt%40flash.net>>
> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> Cc: Mel Snyder <ct_digital_photog@...
> <mailto:ct_digital_photog%40yahoo.com>>
> Sent: Wednesday, July 27, 2011 9:41 AM
> Subject: Re: [FT-707] Next to zero power output with narrow CW
> filter...ideas?

>
>
> Excellent Mel:
>
> Glad its working. I use a tuner and load the backstay on my old IOR
> Admirals Cup 40 footer. One-off from Ted Hood. 1975 Admirals Cup and
> 4 Atlantic crossings.
>
> Have fun be safe.
>
> Curt
> KU8L
>
> On 7/26/2011 10:24 PM, Mel Snyder wrote:
> >
> > Dumb me. I forgot that, in the CW narrow mode, even with the output
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> > the carrier control further clockwise in the narrow mode.Full (100
> > watts) output through both filters.
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> > on the stern pulpit of my 38 foot sloop.
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> > 30 years later - hope it just keeps going!
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> > Thanks - Mel
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> > From: Curt Nixon <captcurt@... <mailto:captcurt%40flash.net>
> <mailto:captcurt%40flash.net>>
> > To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> <mailto:FT-707%40yahoogroups.com>
> > Cc: francesco messineo <francesco.messineo@...
> <mailto:francesco.messineo%40gmail.com>
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> > Sent: Monday, July 25, 2011 8:06 AM
> > Subject: Re: [FT-707] Next to zero power output with narrow CW
> > filter...ideas?
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> >
> > Which MODE output?? CW should work ok but SSB will not have any (much)
> > output because the signal is mostly outside the filter BW.
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> > One could hear USB thru the narrow CW filter but it would be very
> > muffled since the filter is too narrow for SSB. Better to use the SSB-W
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> > This is from what I remeber...I will connect tmy 707 later to verify.
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> > KU8L
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> > On 7/24/2011 1:18 PM, francesco messineo wrote:
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> > > On 7/24/11, Mel <ct_digital_photog@...
> <mailto:ct_digital_photog%40yahoo.com>
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> > > <mailto:ct_digital_photog%40yahoo.com>> wrote:
> > > > After more than 20 years out of service, I've dusted off my 707 and
> > > am about
> > > > to reinstall it on my sailboat. Works beautifully into an old
> > > Hustler mobile
> > > > system on the stern...except when I flip the narrow CW filter in,
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> > > > Any ideas? is there an alignment I'm not aware of? Dirty contact
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> > > Frank IZ8DWF
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> > [Non-text portions of this message have been removed]
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994. licence test

Yahoo group: FT-707
Date: 2011-08-02 23:33:12 UTC
From: duffinj49
Topic: 994 Message: 994

At the moment im studying up on my amateur licence im 62 years old and need all help i can get,any word of encouragement and advice i would appreciate .
Also, what type of antenna would anyone suggest for my yaesu ft-707 ,
i also have a fc-707 at the moment im planning on getting ready when i hope to pass the exame , that is the exame for beginners NO MORSE.
DUFFIN1949 THANKS.

995. Re: [FT-707] licence test

Yahoo group: FT-707
Date: 2011-08-03 00:57:49 UTC
From: Gordon Gwillim
Topic: 994 Message: 995

Hi DuffinJ ..... pleased that you sent a note to this group. I have not sent any notes on this list before but I monitor what is going on daily. I live in Saskatchewan Canada where I have spent most of my 70 years. I am inspired that you would consider going through what is required to become a licenced Radio Amateur for your later years. I have been in this hobby since I was 16 years old and am still learning more each day. These lists are invaluable to those of us with a technical bent ..... there are some very talented and motivated people available to advise us on any technical topic you can think of. I have used the FT-707 off and on over the years although it is apart on my bench right now being upgraded. I think the antenna question is very important and you are aware of that I am sure. I am much in favour of a balanced antenna and feed system (dipole) for more than one reason. I think that the dipole performs as well as anything
you can build, and the balanced feedline feature helps immeasurably with the local electrical noise that you will undoubtedly encounter. Unless you live a quarter mile from your neighbours as I do, you will have a spectrum full of squeals and buzzes and the more you can keep them out of the feedline, the more successful your amateur station will be. The situation of balanced antenna (as nearly as possible) and balanced feedline into your transmatch, is a good start. Keep us posted and maybe have a sked some day 73
Gordon VE5UJ

From: duffinj49 <colacshoerepair@...>
To: FT-707@yahoogroups.com
Sent: Tuesday, August 2, 2011 5:33:12 PM
Subject: [FT-707] licence test

At the moment im studying up on my amateur licence im 62 years old and need all help i can get,any word of encouragement and advice i would appreciate .
Also, what type of antenna would anyone suggest for my yaesu ft-707 ,
i also have a fc-707 at the moment im planning on getting ready when i hope to pass the exame , that is the exame for beginners NO MORSE.
DUFFIN1949 THANKS.

[Non-text portions of this message have been removed]

996. Re: [FT-707] licence test

Yahoo group: FT-707
Date: 2011-08-03 01:20:10 UTC
From: Thomas Carpenter
Topic: 994 Message: 996

May I suggest a simple dipole or inverted V if you have the space. Both will perform well.

Tom Kb3hg

-----Original Message-----
From: duffinj49 <colacshoerepair@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Tue, Aug 2, 2011 8:14 pm
Subject: [FT-707] licence test

At the moment im studying up on my amateur licence im 62 years old and need all
help i can get,any word of encouragement and advice i would appreciate .
Also, what type of antenna would anyone suggest for my yaesu ft-707 ,
i also have a fc-707 at the moment im planning on getting ready when i hope to
pass the exame , that is the exame for beginners NO MORSE.
DUFFIN1949 THANKS.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

997. Re: [FT-707] licence test

Yahoo group: FT-707
Date: 2011-08-03 01:26:51 UTC
From: Brian Green
Topic: 994 Message: 997

Well first off good luck to you! I spent a month studying for both my tech and general and passed them both the same day a few weeks ago. I used The Ham Whispers ebook for my tech license and a basic ebook for my general license which wasn't as good.

I live in an area with a strict POA so I put up a G5RV jr antenna along my privacy fence and the other leg of it in a tree about 8 feet up. On 40m I made a few contacts 600 to 700 miles or more away which isn't bad considering the antenna setup. When it cools down from 106 degrees here I'll spend more time on it.

Good luck!
KF5MDY

Sent from my iPad

On Aug 2, 2011, at 6:33 PM, "duffinj49" <colacshoerepair@bigpond.com> wrote:

> At the moment im studying up on my amateur licence im 62 years old and need all help i can get,any word of encouragement and advice i would appreciate .
> Also, what type of antenna would anyone suggest for my yaesu ft-707 ,
> i also have a fc-707 at the moment im planning on getting ready when i hope to pass the exame , that is the exame for beginners NO MORSE.
> DUFFIN1949 THANKS.
>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
>
>
>

998. Re: [FT-707] licence test

Yahoo group: FT-707
Date: 2011-08-03 02:20:14 UTC
From: Col Thompson
Topic: 994 Message: 998

Hi there

Your location and space will be the biggest factor in antenna selection. An end fed or off center fed wire antenna is very very cheap. If you are in a home unit / flat then your choice is limited. It really comes down to "How much of the sky can you see". Do you want a horizontal or vertical antenna. As you have posted this on the FT-707 newsgroup I assume you are going HF, but your foundation licence will also allow you some VHF and UHF spectrum as well.

Regards

Col

(aka VK2CRT)
On Wed, Aug 3, 2011 at 9:33 AM, duffinj49 <colacshoerepair@...>wrote:

> **
>
>
> At the moment im studying up on my amateur licence im 62 years old and need
> all help i can get,any word of encouragement and advice i would appreciate .
> Also, what type of antenna would anyone suggest for my yaesu ft-707 ,
> i also have a fc-707 at the moment im planning on getting ready when i hope
> to pass the exame , that is the exame for beginners NO MORSE.
> DUFFIN1949 THANKS.
>
>
>

[Non-text portions of this message have been removed]

999. Re: [FT-707] licence test

Yahoo group: FT-707
Date: 2011-08-03 02:51:54 UTC
From: cvest@cox.net
Topic: 994 Message: 999

You can do it no problem . It is helpful if you have a local club or whoever is going to sponsor the testing session if they offer a day or two of review and explanation of the type of information that will be covered on the exam . We put on a weekend class . About 5 or 6 hours on Saturday to cover the different classes and a 3 hour review and one on one explanation and question answering session on Sunday morning , then test on Sunday afternoon while it is still fresh in your head .

Since all you will be using the beginners test , you will only need to worry about using the 707 on 10 meters for now . Easy to get some practical experience on some of the exam questions for that band . Go ahead and build you an antenna so you will be ready to get on the air once your call is issued . You can start with something as simple as building a half wave wire dipole from the formulas . Also a quarter wave vertical is a simple antenna . Neither require any matching devices or any special exotic wires or coax . Figuring both from scratch is excellent practice for your test and both will get you on the air right away .

You didn't mention any limitations that you may have on space for antennas . Tell us a little more and I am sure there are many that will be more than happy to help you . You also didn't mention if you want to do voice only , or possibly some digital modes .

Also we don't know your location . It is possible there is someone close to you that can help too . If I can be of ANY help you can post to the list here or feel free to e-mail me personally at w5cov@...

73 , Charlie , W5COV
> At the moment im studying up on my amateur licence im 62 years old and need all help i can get,any word of encouragement and advice i would appreciate .
> Also, what type of antenna would anyone suggest for my yaesu ft-707 ,
> i also have a fc-707 at the moment im planning on getting ready when i hope to pass the exame , that is the exame for beginners NO MORSE.
> DUFFIN1949 THANKS.
>

1002. Re: license test

Yahoo group: FT-707
Date: 2011-08-03 19:10:08 UTC
From: Phillips, Dave (AZ75)
Topic: 1002 Message: 1002

Duffin

Having done this myself, twice, I appreciate your struggle. My first license was Novice, and I struggled in vain for 2 years trying to get my code speed up 13 WPM to pass a General exam , even though I had graduated to using a Vibroplex Bug while operating the Novice bands. I finally gave up, but several years later while serving in the U.S. Air Force in Vietnam, I got the opportunity to work in the MARS station during my off-duty hours, and an old radio head there taught me the secret, and I was soon regularly copying 30 WPM messages. He taught me to stop listening to the letters and start listening for the "melody of words and phrases, all of which actually have a natural rhythms like music. Using this technique, most common words, such as "And", "The", "First", "Fist", "OK", "Home", "Today", etc;, and all of the "Q" codes, become instantly recognizable before the individual letters are even complete, so you can stop listening to that segment and get ready for the next. If you are writing down the message as it is received, don't write down the common words, they are not important and can easily be filled in later to complete the message.

As a beginner, if you do not have a background or interest in electronics and circuit behavior, some of the test questions can be daunting. However, I have found that many of the available texts are very helpful in focusing on the subject matter. Most of the texts you will find at Ham stores are good, but tend to try to give you the answers without really teaching you the theory so you will continue to understand it. However, I strongly suggest you try, as once you crack that egg, this hobby becomes infinitely more interesting as you understand how and why signals get to their destination. One of the best standard texts for this I have ever found is "Electronic Communication" by James Schrader. It provides detailed instruction in the science specifically written to make it easy to grasp. A Wonderful reference material.

Along the way in this hobby, I acquired an FT-707 Junker for $50 back in the 1980's that had been on a sailboat and was corroded so bad most of the switches simply fell apart. Over a period of two years, I acquired some of the last factory spare parts Yaesu had left and completely rebuilt the radio from the ground up, including plating of the chassis parts and paint. It is still my primary and favorite rig. In the process, I learned how good a radio the FT-707 can be, it is one of the best and most reliable every made. Over the years, I have restored or repaired a total of 15 FT-707's, and still believe it to be an excellent rig with one of the best solid state receivers and commercial class transmit audio.

With respect to suggestions for an Antenna, you will want to get the biggest bang for your buck while still having sufficient coverage to really enjoy the hobby. Don't let the advertisements from HyGain, MFJ, Cushcraft fool you, they are really the same manufacturer (MFJ) cloning the same designs that have been around for many years, and their antennas simply do not perform well enough to justify the price.

Many people will tell you that you really need the forward gain of a Yagi (a.k.a. "Beam") antenna to be heard, but this is simply hog wash to sell really expensive antennas and towers. Yagi antenna's are very popular with the "Big Gun" operators, especially in North America, but most of the rest of operators in the world, especially in Europe, gets really tired of signals from high power American HAM's overloading their receivers while "rag chewing" with another American station only a few miles away in the next state. This is simply synonymous to the bully who crowds the pulpit with a loud voice. The point is to get your signal heard by the station you want to talk to, not crammed down the throat of everyone else.

Personally, I can't say enough good things about the vertical ground plane antennas from Zero Five Antennas (http://www.zerofive-antennas.com/products). They work extremely well, don't require ground radials, and can be erected in minimal space without spending a lot of money. You can get a very nice 27 foot high 10-40 meter ground plane for $379, or a 20 foot 6-30 meter version for $300. Both will work extremely well with your FC-707, so other than some Coax and a Pole, you will be in business. Other world class, but more complex and specialized, antenna solutions can be found at slightly higher prices at Dx Engineering (http://www.dxengineering.com/)

Welcome to the Amateur Radio Family, and good luck on you exam.

Cheers
Dave
KB7JS

[Non-text portions of this message have been removed]

1003. [FT-707] Mic

Yahoo group: FT-707
Date: 2011-08-03 21:14:44 UTC
From: David Christmas
Topic: 1003 Message: 1003

Hi Everyone, I am looking for a FT-707 hand mic
if anyone has one they don't want any more ??
Rgs David VK4DJC.

[Non-text portions of this message have been removed]

1004. Re: [FT-707] Re: license test

Yahoo group: FT-707
Date: 2011-08-04 00:33:57 UTC
From: john duffin
Topic: 1002 Message: 1004

Thanks Dave

The members of the yaesu ft-707 club are a real source
of encouragement, hope to by a good antenna rather than a few try out if you
know what i mean,im also trying to find a power source for my ft-707 hoping
the club can help me im using a bulky transformer at the moment it works
good im looking for something the size of the 707 thought id ask if you can
help .

many thanks john.
On Thu, Aug 4, 2011 at 5:10 AM, Phillips, Dave (AZ75) <
dave.l.phillips@...> wrote:

> **
>
>
> Duffin
>
> Having done this myself, twice, I appreciate your struggle. My first
> license was Novice, and I struggled in vain for 2 years trying to get my
> code speed up 13 WPM to pass a General exam , even though I had
> graduated to using a Vibroplex Bug while operating the Novice bands. I
> finally gave up, but several years later while serving in the U.S. Air
> Force in Vietnam, I got the opportunity to work in the MARS station
> during my off-duty hours, and an old radio head there taught me the
> secret, and I was soon regularly copying 30 WPM messages. He taught me
> to stop listening to the letters and start listening for the "melody of
> words and phrases, all of which actually have a natural rhythms like
> music. Using this technique, most common words, such as "And", "The",
> "First", "Fist", "OK", "Home", "Today", etc;, and all of the "Q" codes,
> become instantly recognizable before the individual letters are even
> complete, so you can stop listening to that segment and get ready for
> the next. If you are writing down the message as it is received, don't
> write down the common words, they are not important and can easily be
> filled in later to complete the message.
>
> As a beginner, if you do not have a background or interest in
> electronics and circuit behavior, some of the test questions can be
> daunting. However, I have found that many of the available texts are
> very helpful in focusing on the subject matter. Most of the texts you
> will find at Ham stores are good, but tend to try to give you the
> answers without really teaching you the theory so you will continue to
> understand it. However, I strongly suggest you try, as once you crack
> that egg, this hobby becomes infinitely more interesting as you
> understand how and why signals get to their destination. One of the
> best standard texts for this I have ever found is "Electronic

> Communication" by James Schrader. It provides detailed instruction in
> the science specifically written to make it easy to grasp. A Wonderful
> reference material.
>
> Along the way in this hobby, I acquired an FT-707 Junker for $50 back in
> the 1980's that had been on a sailboat and was corroded so bad most of
> the switches simply fell apart. Over a period of two years, I acquired
> some of the last factory spare parts Yaesu had left and completely
> rebuilt the radio from the ground up, including plating of the chassis
> parts and paint. It is still my primary and favorite rig. In the
> process, I learned how good a radio the FT-707 can be, it is one of the
> best and most reliable every made. Over the years, I have restored or
> repaired a total of 15 FT-707's, and still believe it to be an excellent
> rig with one of the best solid state receivers and commercial class
> transmit audio.
>
> With respect to suggestions for an Antenna, you will want to get the
> biggest bang for your buck while still having sufficient coverage to
> really enjoy the hobby. Don't let the advertisements from HyGain, MFJ,
> Cushcraft fool you, they are really the same manufacturer (MFJ) cloning
> the same designs that have been around for many years, and their
> antennas simply do not perform well enough to justify the price.
>
> Many people will tell you that you really need the forward gain of a
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> sell really expensive antennas and towers. Yagi antenna's are very
> popular with the "Big Gun" operators, especially in North America, but
> most of the rest of operators in the world, especially in Europe, gets
> really tired of signals from high power American HAM's overloading their
> receivers while "rag chewing" with another American station only a few
> miles away in the next state. This is simply synonymous to the bully
> who crowds the pulpit with a loud voice. The point is to get your signal
> heard by the station you want to talk to, not crammed down the throat of
> everyone else.
>
> Personally, I can't say enough good things about the vertical ground
> plane antennas from Zero Five Antennas
> (http://www.zerofive-antennas.com/products). They work extremely well,
> don't require ground radials, and can be erected in minimal space
> without spending a lot of money. You can get a very nice 27 foot high
> 10-40 meter ground plane for $379, or a 20 foot 6-30 meter version for
> $300. Both will work extremely well with your FC-707, so other than
> some Coax and a Pole, you will be in business. Other world class, but
> more complex and specialized, antenna solutions can be found at slightly
> higher prices at Dx Engineering (http://www.dxengineering.com/)
>
> Welcome to the Amateur Radio Family, and good luck on you exam.
>
> Cheers
> Dave

> KB7JS
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1005. Re: [FT-707] Re: license test

Yahoo group: FT-707
Date: 2011-08-04 14:20:17 UTC
From: Thomas Carpenter
Topic: 1002 Message: 1005

John,
I have used an Astron 35m supply but its bigger than the 707 and I have been using a Switching Supply from Radio Shack, It looks like a Samplex Switching supply. So long as it can supply at least 20 amps. Both work well.

Tom Kb3hg

1006. FT707 High consumption in RX and non-keying CW

Yahoo group: FT-707
Date: 2011-08-06 20:00:15 UTC
From: Michel
Topic: 1006 Message: 1006

Hi All,

I've noticed that my FT707 is consuming much power about 10A when switching back to RX following a SSB PTT with some modulation.
It varies and may come back to a few amps when going back and forth from tx to rx but sporadically.
It recovers each time I'm switching off and on the transceiver.

On the other side, the issue I have with this FT707 I'm restoring actually is a non-keying CW - I have a constant signal that may be adjusted with the carrier but that is never responding to the key.

Both issues might be related. Any thoughts on this would be much appreciated!

First check was ok on the wiring side, relays have been cleaned up.

Best regards and 73s
Michel

1007. Re: Mic

Yahoo group: FT-707
Date: 2011-08-06 20:04:17 UTC
From: Michel
Topic: 1003 Message: 1007

Hi David,

Second proposal is for me! Looking for a ym-35 ym-36 as well!!
Best 73
Michel ON5HF

--- In FT-707@yahoogroups.com, "David Christmas" <vk4djc_p@...> wrote:
>
> Hi Everyone, I am looking for a FT-707 hand mic
> if anyone has one they don't want any more ??
> Rgs David VK4DJC.
>
> [Non-text portions of this message have been removed]
>

1008. RE: [FT-707] FT707 High consumption in RX and non-keying CW

Yahoo group: FT-707
Date: 2011-08-06 20:32:53 UTC
From: Dave
Topic: 1006 Message: 1008

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of Michel
> Sent: 06 August 2011 21:00
> To: FT-707@yahoogroups.com
> Subject: [FT-707] FT707 High consumption in RX and non-keying CW
>
>
> Hi All,
>
> I've noticed that my FT707 is consuming much power about 10A
> when switching back to RX following a SSB PTT with some modulation.
> It varies and may come back to a few amps when going back and
> forth from tx to rx but sporadically.
> It recovers each time I'm switching off and on the transceiver.
>
> On the other side, the issue I have with this FT707 I'm
> restoring actually is a non-keying CW - I have a constant
> signal that may be adjusted with the carrier but that is
> never responding to the key.
>
> Both issues might be related. Any thoughts on this would be
> much appreciated!
>

Something in the VOX circuit causing premature tripping. RF getting on the
key lead can casue this. Is the VOX pot set to minimum..

> First check was ok on the wiring side, relays have been cleaned up.
>
>
> Best regards and 73s
> Michel
>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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1009. power output

Yahoo group: FT-707
Date: 2011-08-07 00:53:43 UTC
From: duffinj49
Topic: 1009 Message: 1009

im still studying up on getting a foundation licence,it requires the radio i use to be no more that 10w of power is the ft-707 suitable or should i look else where i have a 707 and getting it set up appreciate advice john.

1010. Re: [FT-707] power output

Yahoo group: FT-707
Date: 2011-08-07 09:10:19 UTC
From: Thomas Carpenter
Topic: 1009 Message: 1010

John,

Are you aware that you can limit the Power Out in the PA one of the variable resistors sets power level maximum. It is very briefly discussed in the manual or the other option you have is an attenuator on the output. could you post a link to something that lists what your foundation ticket consists of? Other than 10 watts I am unaware of your privileges or constraints.

Tom Kb3hg

-----Original Message-----
From: duffinj49 <colacshoerepair@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Aug 7, 2011 12:58 am
Subject: [FT-707] power output

im still studying up on getting a foundation licence,it requires the radio i use to be no more that 10w of power is the ft-707 suitable or should i look else where i have a 707 and getting it set up appreciate advice john.

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

1011. Re: [FT-707] power output

Yahoo group: FT-707
Date: 2011-08-08 01:30:48 UTC
From: john duffin
Topic: 1009 Message: 1011

Foundation licence you can use.

Transceiver no greater than 10 Watts output TX power.
Only use commerially made equipment.
Not allowed to modify transmitter.
Operate freq 3.5 to 3.7 mhz
7.0 to 7.3
21.0 to 21.450

thanks john
John, please don't use only capitals.
Your moderator Jim

1012. Re: [FT-707] power output

Yahoo group: FT-707
Date: 2011-08-08 04:44:18 UTC
From: Gordon Gwillim
Topic: 1009 Message: 1012

Hi John. One would hope that a fine rig like the FT-707 will be acceptable for your licence class. I see someone has mentioned a method for limiting the power level at which the transceiver will operate. That would be the answer to your dilemma.

If it is acceptable to your licensing authority, the power could also be set manually from the front panel using a wattmeter between the transceiver and the antenna (or tuner). Setting the carrier output to 10 watts with a VSWR reading of 1:1 should be all that is required. You would have to suppress the urge to turn up the power so that the voice peaks reach 10 watts on SSB as meter inertia will keep the meter from reading more than half of what the power through the instrument is in actuality. In other words, the meter would read 5 watts on voice peaks for 10 watts of output and that would be about right. The small SWR/Wattmeter instruments usually read fairly accurately when the VSWR on the feedline they are connected to is unity (1:1)
Maybe 10 metres will open this fall and we can have a QSO with your 10 watt transceiver. I used a 10 watt transceiver in my vehicle for years and QSOs with ZL/VK stations were commonplace on 10.
Gordon.

From: duffinj49 <colacshoerepair@...>
To: FT-707@yahoogroups.com
Sent: Saturday, August 6, 2011 6:53:43 PM
Subject: [FT-707] power output

im still studying up on getting a foundation licence,it requires the radio i use to be no more that 10w of power is the ft-707 suitable or should i look else where i have a 707 and getting it set up appreciate advice john.

[Non-text portions of this message have been removed]

1013. Re: [FT-707] power output

Yahoo group: FT-707
Date: 2011-08-08 23:06:09 UTC
From: john duffin
Topic: 1009 Message: 1013

Thanks gordon for your advice ill follow up the club members have been very helpfull

On Mon, Aug 8, 2011 at 2:44 PM, Gordon Gwillim <ve5uj@...> wrote:

> **
>
>
> Hi John. One would hope that a fine rig like the FT-707 will be acceptable
> for your licence class. I see someone has mentioned a method for limiting
> the power level at which the transceiver will operate. That would be the
> answer to your dilemma.
>
> If it is acceptable to your licensing authority, the power could also be
> set manually from the front panel using a wattmeter between the transceiver
> and the antenna (or tuner). Setting the carrier output to 10 watts with a
> VSWR reading of 1:1 should be all that is required. You would have to
> suppress the urge to turn up the power so that the voice peaks reach 10
> watts on SSB as meter inertia will keep the meter from reading more than
> half of what the power through the instrument is in actuality. In other
> words, the meter would read 5 watts on voice peaks for 10 watts of output
> and that would be about right. The small SWR/Wattmeter instruments usually
> read fairly accurately when the VSWR on the feedline they are connected to
> is unity (1:1)
> Maybe 10 metres will open this fall and we can have a QSO with your 10 watt
> transceiver. I used a 10 watt transceiver in my vehicle for years and QSOs
> with ZL/VK stations were commonplace on 10.
> Gordon.
>
> ---------------------------------
>
> From: duffinj49 <colacshoerepair@...>
> To: FT-707@yahoogroups.com
> Sent: Saturday, August 6, 2011 6:53:43 PM
>
> Subject: [FT-707] power output
>
>
> im still studying up on getting a foundation licence,it requires the radio
> i use to be no more that 10w of power is the ft-707 suitable or should i
> look else where i have a 707 and getting it set up appreciate advice john.
>
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

1014. source of crystals?

Yahoo group: FT-707
Date: 2011-08-12 00:27:39 UTC
From: Brian Green
Topic: 1014 Message: 1014

My radio is in the process of being repaired, turns out the USB crystal was shot. Also, I'm having the crystals in 10A and B put back to 10M instead of 11M. It seems there might be a problem finding the crystals for these - does anyone know of a source for these?

Brian

1015. Re: For Sale Yaesu FP-707 Power Supply & Yaesu Desk Mic

Yahoo group: FT-707
Date: 2011-08-11 04:01:58 UTC
From: duffinj49
Topic: 283 Message: 1015

--- In FT-707@yahoogroups.com, "empagirv" <empagirv@...> wrote:
>
> Nice Yaesu FP 707 Power supply with all cable hook ups
> MINT Yaesu YM 38 Desk Mic with buttons AS NEW
> Make offer for either or both Thanks Irv
>
What price did you have in mind for both thanks john .
ps where do you live ?

1016. Re: [FT-707] source of crystals?

Yahoo group: FT-707
Date: 2011-08-13 00:53:16 UTC
From: Thomas Carpenter
Topic: 1014 Message: 1016

Brian,
There was a guy on E bay that sold them.He also sold the 11m crystals if not there try fox tango.

Tom Kb3hg

-----Original Message-----
From: Brian Green <ice@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, Aug 12, 2011 2:23 pm
Subject: [FT-707] source of crystals?

My radio is in the process of being repaired, turns out the USB crystal was shot. Also, I'm having the crystals in 10A and B put back to 10M instead of 11M. It seems there might be a problem finding the crystals for these - does anyone know of a source for these?

Brian

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

1017. Introduction

Yahoo group: FT-707
Date: 2011-08-16 19:04:40 UTC
From: stephenmorrisby
Topic: 1017 Message: 1017

Hi all

I have had my FT707 for a 10 years. Right now it is not transmitting because the finals are shot. The compact nature of the PA alarmed me and although I have a set of final transistors I am yet to repair her.

Joining this group has inspired me no end!!!!

Steve

1018. WTB FT-707

Yahoo group: FT-707
Date: 2011-08-21 19:00:08 UTC
From: k3jls@verizon.net
Topic: 1018 Message: 1018

Hello Folks.

I'm interested in buying a used FT-101 that has the proper 10 meter crystals and is in reasonably good condition. I always wanted to use one.

However, I'm a bit worried about the 'bandswitch' comments that I see here on this site. Out of curiosity, could someone tell me what goes wrong with the bandswitch and why it can't be easily repaired?

I've just successfully converted some FT-101's to use 6146B tubes - see www.k3jls.net/FT-101.html - and would like to see what makes an FT-707 'tick'.

73's - Joe - K3JLS

1019. Re: [FT-707] WTB FT-707

Yahoo group: FT-707
Date: 2011-08-21 21:01:30 UTC
From: Tom
Topic: 1018 Message: 1019

Joe,
You posted for a 101 in the 707 group. although the 101 is a nice radio, the pesky FETs are more of a problem than the switches. Also there is a 250 uh inductor that can go south. I beefed up an EE model for a tad more punch years ago. 120-140 watts to a dummy load by the meter so I'll say it was any easy 100 out on all bands.
Tom

-----Original Message-----
From: k3jls <k3jls@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Aug 21, 2011 3:46 pm
Subject: [FT-707] WTB FT-707

Hello Folks.

I'm interested in buying a used FT-101 that has the proper 10 meter crystals and is in reasonably good condition. I always wanted to use one.

However, I'm a bit worried about the 'bandswitch' comments that I see here on this site. Out of curiosity, could someone tell me what goes wrong with the bandswitch and why it can't be easily repaired?

I've just successfully converted some FT-101's to use 6146B tubes - see www.k3jls.net/FT-101.html - and would like to see what makes an FT-707 'tick'.

73's - Joe - K3JLS

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1020. FTV707 question

Yahoo group: FT-707
Date: 2011-09-07 12:27:34 UTC
From: D. Yudistira
Topic: 1020 Message: 1020

Dear friends,
Recently I buy a FTV707 transverter with 2m module installed in it. I have two question:
1. Is it possible to use it in FM mode? since ni FM appear on the front panel.
2. Do we have to plug the RF cable? It come without it but right now have RX but need to confirm before switch to TX
Thanks in advanced fo any advice

Friend across continent

DY
YB6JE

Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

1021. Re: FTV707 question

Yahoo group: FT-707
Date: 2011-09-09 21:02:57 UTC
From: Patricia.
Topic: 1020 Message: 1021

Hi

A quick question... Do you have the manual for the FTV707??? It shows the cables you need. I used the FTV707 with my FT 77 until I sold it last year, but I do have a copy of the manual -- I think I still do???

If you need a copy, I will scan it this weekend and send to you.

73

Patricia AB4CT

p j b l a c k @ yahoo.com (no spaces)

--- In FT-707@yahoogroups.com, "D. Yudistira" <itji@...> wrote:
>
> Dear friends,
> Recently I buy a FTV707 transverter with 2m module installed in it. I have two question:
> 1. Is it possible to use it in FM mode? since ni FM appear on the front panel.
> 2. Do we have to plug the RF cable? It come without it but right now have RX but need to confirm before switch to TX
> Thanks in advanced fo any advice
>
> Friend across continent
>
> DY
> YB6JE
>
>
> Sent from Yahoo! Mail on Android
>
>
>
> [Non-text portions of this message have been removed]
>

1022. Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-10 19:28:41 UTC
From: stephenmorrisby
Topic: 1022 Message: 1022

I have dug out my FT707, cleared the bench ready to have a go at replacing the output finals. As mentioned in my previous post I am astonished at the compact nature of the PA module!

1023. Re: [FT-707] Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-11 01:53:47 UTC
From: Thomas Carpenter
Topic: 1022 Message: 1023

Watch your bias setup.

-----Original Message-----
From: stephenmorrisby <steph_morrisby@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sat, Sep 10, 2011 3:57 pm
Subject: [FT-707] Let the Games Commence!!!

I have dug out my FT707, cleared the bench ready to have a go at replacing the output finals. As mentioned in my previous post I am astonished at the compact nature of the PA module!

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1024. Re: Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-11 22:27:31 UTC
From: stephenmorrisby
Topic: 1022 Message: 1024

I have removed te PA module, replaced the blown tants and exposed some of the PA transistors as detailed in the technical manual. It seems to me that I have to remove all the components in between the intermediate and final broadband transformers to get the PA finals out.

I imagine in a commercial workshop it may have been cheaper to replace the entire module rather than repair it.

I have created a Photo directory detailing my progress.

Steve

1025. Re: Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-12 15:57:39 UTC
From: stephenmorrisby
Topic: 1022 Message: 1025

As detailed earlier I removed all the components surrounding and on top of the finals. This now leaves the transistors exposed to be removed.

The intermediate broadband transformer is partially removed in this operation.

What I learnt/noticed.

My Weller 60W iron was too small and I had to use a little gas soldering iron which was barely up to the job. It certainly won't melt solder on the earth plain.

I fear the iron on my desoldering rig will also be too small so I shall have to use desoldering braid.

Removing the capacitors with a small iron has almost certainly exposed them to too much heat and I shall replace them as a matter of course.

I shall invest in a higher power soldering iron before I remove the transistors.

Stay tuned for the next episode!

1026. Re: Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-13 16:24:25 UTC
From: stephenmorrisby
Topic: 1022 Message: 1026

I got the finals out. As predicted my desoldering station was way too small, but by using it as a sucker and the gas iron as the primary heat source I was able to get them out. Unfortnately together with a solder pad.

Comments/Lessons:

A good hot small soldering iron is a must.
Desoldering station only useful. not necessary.
The light source can't be too bright. (Maybe that's old age creepng in)
I should have removed more components to give better access. That would have saved the pad.

I must say that after 30 years as a technician in the military, broadcasting and high end telecommunication industries I was not prepared for the circuit layout. I had heard from others that even professional Japanese stuff was tough to work on, but have never experienced it. It's not that it's bad, it's just very different. Maybe if bought up on it I would find it normal and easy to work on.

1027. Re: Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-22 19:46:50 UTC
From: stephenmorrisby
Topic: 1022 Message: 1027

I fitted the Finals and PCB back onto the heatsink prior to soldering them in.

Is there anything to be aware of before going ahead?

1028. Re: [FT-707] Re: Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-23 07:33:40 UTC
From: Thomas Carpenter
Topic: 1022 Message: 1028

Watch your bias. Check the current draw during receive it should not be high several amps.

-----Original Message-----
From: stephenmorrisby <steph_morrisby@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Sep 22, 2011 6:21 pm
Subject: [FT-707] Re: Let the Games Commence!!!

I fitted the Finals and PCB back onto the heatsink prior to soldering them in.

Is there anything to be aware of before going ahead?

[Non-text portions of this message have been removed]

1029. Re: Let the Games Commence!!!

Yahoo group: FT-707
Date: 2011-09-24 02:49:49 UTC
From: jeffwa2scl
Topic: 1022 Message: 1029

See message http://groups.yahoo.com/group/FT-707/message/937 for a less "iffy" way to set the bias. Very important not only from an IMD standpoint, but also for the longevity of the transistors.

--- In FT-707@...m, "stephenmorrisby" <steph_morrisby@...> wrote:
>
> I fitted the Finals and PCB back onto the heatsink prior to soldering them in.
>
> Is there anything to be aware of before going ahead?
>

1030. D. C. psu conections at 4 pin male socker rear ft707

Yahoo group: FT-707
Date: 2011-10-09 17:48:04 UTC
From: cd40105
Topic: 1030 Message: 1030

Hi could someone let me know the pin connections looking at the rear of the ft707, radio sitting as normal, I think the bottomleft hand corner is -ve as traced it from the chassis/ audio O/P jack socket with ohm meter. on PSU FP 707 pins 1 & 2 are linked..haven't got this psu, but this circuit just confuses things..73 ian.

1031. Re: [FT-707] D. C. psu conections at 4 pin male socker rear ft707

Yahoo group: FT-707
Date: 2011-10-10 13:18:21 UTC
From: Thomas Carpenter
Topic: 1030 Message: 1031

from the manual: plug from the power supply:
Pin 1+2 together Vertical one over another
Pin 3 Red Lead (+) Horizontal top
Pin 4 Black Lead (-) Horizontal bottom

-----Original Message-----
From: cd40105 <cd40105@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Oct 9, 2011 11:19 pm
Subject: [FT-707] D. C. psu conections at 4 pin male socker rear ft707

Hi could someone let me know the pin connections looking at the rear of the ft707, radio sitting as normal, I think the bottomleft hand corner is -ve as traced it from the chassis/ audio O/P jack socket with ohm meter. on PSU FP 707 pins 1 & 2 are linked..haven't got this psu, but this circuit just confuses things..73 ian.

[Non-text portions of this message have been removed]

1032. Re: [FT-707] D. C. psu conections at 4 pin male socker rear ft707

Yahoo group: FT-707
Date: 2011-10-10 04:37:52 UTC
From: Steve Gehring
Topic: 1030 Message: 1032

Hope this helps...
Pins 1 and 2 are jumpered in the mating cable plug. Pin 3 is positive 13.8 Vdc (red), and Pin 4 is negative or return (black).

73 de Steve, NL7W

On 10/9/2011 9:48 AM, cd40105 wrote:
>
> Hi could someone let me know the pin connections looking at the rear
> of the ft707, radio sitting as normal, I think the bottomleft hand
> corner is -ve as traced it from the chassis/ audio O/P jack socket
> with ohm meter. on PSU FP 707 pins 1 & 2 are linked..haven't got this
> psu, but this circuit just confuses things..73 ian.
>
>

[Non-text portions of this message have been removed]

1033. brand new owner

Yahoo group: FT-707
Date: 2011-10-17 03:44:06 UTC
From: boston_boy_1984
Topic: 1033 Message: 1033

just bought one of these bad boys today from a guy in the area. i don't have a mic, antenna or power supply for it yet and also im only a tech so this is going to have to sit around for a few months till i can get everything set to use it. just thought i would post and introduce myself. my name is Mark(KB1WAG) from Boston MA and just became a ham a month ago!!

1034. Re: [FT-707] brand new owner

Yahoo group: FT-707
Date: 2011-10-17 12:35:02 UTC
From: Brian Green
Topic: 1033 Message: 1034

Welcome to the group!

You can at least use the 10m band portion of it if you're a tech ;)

Brian (KF5MDY - also a new ham)

On Sun, Oct 16, 2011 at 10:44 PM, boston_boy_1984 <markdymek@...> wrote:
> just bought one of these bad boys today from a guy in the area. i don't have a mic, antenna or power supply for it yet and also im only a tech so this is going to have to sit around for a few months till i can get everything set to use it. just thought i would post and introduce myself. my name is Mark(KB1WAG) from Boston MA and just became a ham a month ago!!
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

1035. Re: [FT-707] brand new owner

Yahoo group: FT-707
Date: 2011-10-17 10:17:44 UTC
From: Curt Nixon
Topic: 1033 Message: 1035

WElcome to amateur radio Mark:

Nice choice for a simple first radio. Double check me, but last I checked, tech's have priveledges on 10M. A simple vertical or a retuned 11M (CB) antenna and you are set. 10M has been WIDE open lately and working Europe and the west coast will be very easy. Hasn't been good like this for years due to the sunspot cycle.

Let me know if you need any help.

Curt
KU8L
(Boston Crusaders Drum and Bugle Corps family/volunteer)

boston_boy_1984 wrote:
>
> just bought one of these bad boys today from a guy in the area. i
> don't have a mic, antenna or power supply for it yet and also im only
> a tech so this is going to have to sit around for a few months till i
> can get everything set to use it. just thought i would post and
> introduce myself. my name is Mark(KB1WAG) from Boston MA and just
> became a ham a month ago!!
>
>

1036. RE: [FT-707] brand new owner

Yahoo group: FT-707
Date: 2011-10-17 18:49:04 UTC
From: Dave
Topic: 1033 Message: 1036

Welcome Mark

Great choice of Radio as a starter - I have a 707 and it's Sommerkamp badged counter part the DX767.
Both give me great service - I much prefer their simplicity to more modern menu driven bricks.
I get good audio reports, mic is nothing fancy just the standard Yaesu hand mic.
Aerial a simple bell wire doublet on a 7 metre fishing pole

Not sure what bands you are allowed to use but as other stations have said 10 will not disapoint at the moment.
10 watts to a cb mobile whip on the car gave me contacts to the USA, Canada, Russia, Belarus, Saudia Arabia, Pakistan, UAE in around 30 minutes during friday's dinner break.

Enjoy

73 Dave G7HNO

[Non-text portions of this message have been removed]

1037. Re: D. C. psu conections at 4 pin male socker rear ft707

Yahoo group: FT-707
Date: 2011-10-17 20:30:46 UTC
From: cd40105
Topic: 1030 Message: 1037

--thanks for info..now sorted..got intermitent digital frequency readout problem..73 ian.

1038. Re: D. C. psu conections at 4 pin male socker rear ft707

Yahoo group: FT-707
Date: 2011-10-17 20:35:25 UTC
From: cd40105
Topic: 1030 Message: 1038

Thanks steve for the info..now up and running, both the ft 707 S and ft 707..have an odd problem with digital display on the 707 S, it locks to a 90 Megaherz or so display, though the vfo tunes OK. If I let the set cool down the digital works OK for a while...I was checking the vfo drift, I ran the rig for over 24 hours on rx..now I've got this digital display problem..73 de ian g3yrq.

1039. Re: [FT-707] Re: D. C. psu conections at 4 pin male socker rear ft707

Yahoo group: FT-707
Date: 2011-10-18 07:43:18 UTC
From: dave@g7hno.co.uk
Topic: 1030 Message: 1039

Quoting cd40105 <cd40105@...>:

>
>
> --thanks for info..now sorted..got intermitent digital frequency readout
> problem..73 ian.
>
>

Hi Ian
What's the readout doing?

One of my 707's counters would start to randomly move when the radio got warm, but only on certain bands. (the radio was still transmitting and receiving on the correct frequency.
I made sure that all the screws holding the counter board were tight, I also put the top cover back so that the ventilation slots are to the front of the radio. I figured that as the PA protudes from the back of the radio, has a pretty substantial heat sink and fan, the vents would be far more useful at the front keeping the counter board cooler.

Not had the problem since - Not had any issues with the PA running hot despite fairly long overs. The fan has never come on. It does work as I checked it when servicing the radio a few months back.

There is a PIC based alternative counter mentioned on the web which I think is still available. The counter was quite common across quite a few Yaesu radios at the time time so there are probably plenty of scrap units around with decent counters.

73 Dave

1040. Re: brand new owner

Yahoo group: FT-707
Date: 2011-10-18 19:00:53 UTC
From: boston_boy_1984
Topic: 1033 Message: 1040

this is not my first radio. i have an alinco dj-175. this is going to be my hf rig once i upgrade to general which will be in the next month.

--- In FT-707@yahoogroups.com, Curt Nixon <captcurt@...> wrote:
>
> WElcome to amateur radio Mark:
>
> Nice choice for a simple first radio. Double check me, but last I
> checked, tech's have priveledges on 10M. A simple vertical or a retuned
> 11M (CB) antenna and you are set. 10M has been WIDE open lately and
> working Europe and the west coast will be very easy. Hasn't been good
> like this for years due to the sunspot cycle.
>
> Let me know if you need any help.
>
> Curt
> KU8L
> (Boston Crusaders Drum and Bugle Corps family/volunteer)
>
> boston_boy_1984 wrote:
> >
> > just bought one of these bad boys today from a guy in the area. i
> > don't have a mic, antenna or power supply for it yet and also im only
> > a tech so this is going to have to sit around for a few months till i
> > can get everything set to use it. just thought i would post and
> > introduce myself. my name is Mark(KB1WAG) from Boston MA and just
> > became a ham a month ago!!
> >
> >
>

1041. Re: [FT-707] Re: brand new owner

Yahoo group: FT-707
Date: 2011-10-18 23:59:36 UTC
From: cvest@cox.net
Topic: 1033 Message: 1041

Fire up the FT-707 up on USB in the Technician part of the 10 meter band with just a wire dipole for now and you will be amazed at the contacts you can make while 10 is open . Hope to hear you on 10 soon !!

Charlie , W5COV

---- boston_boy_1984 <markdymek@...> wrote:
> this is not my first radio. i have an alinco dj-175. this is going to be my hf rig once i upgrade to general which will be in the next month.
>
>
>
> --- In FT-707@yahoogroups.com, Curt Nixon <captcurt@...> wrote:
> >
> > WElcome to amateur radio Mark:
> >
> > Nice choice for a simple first radio. Double check me, but last I
> > checked, tech's have priveledges on 10M. A simple vertical or a retuned
> > 11M (CB) antenna and you are set. 10M has been WIDE open lately and
> > working Europe and the west coast will be very easy. Hasn't been good
> > like this for years due to the sunspot cycle.
> >
> > Let me know if you need any help.
> >
> > Curt
> > KU8L
> > (Boston Crusaders Drum and Bugle Corps family/volunteer)
> >
> > boston_boy_1984 wrote:
> > >
> > > just bought one of these bad boys today from a guy in the area. i
> > > don't have a mic, antenna or power supply for it yet and also im only
> > > a tech so this is going to have to sit around for a few months till i
> > > can get everything set to use it. just thought i would post and
> > > introduce myself. my name is Mark(KB1WAG) from Boston MA and just
> > > became a ham a month ago!!
> > >
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1042. FTV707

Yahoo group: FT-707
Date: 2011-10-22 20:54:27 UTC
From: johnjdignan
Topic: 467 Message: 1042

HI There,
I looking buy (don't laugh) an FTV707 transverter, I don't mind what band, as I currently have none and intend to get them all! If you would please sign me up for membership of the group and post my request to the other members, I'd be very grateful. I realize that FTV707's aren't just rocking horse sh*t, but are the equivalent to the rare beetle that only lives in every one thousandth dollop of it. but I haven't given up just yet ...my life quest goes on.
Best Regards
John.

1043. Re: [FT-707] FTV707

Yahoo group: FT-707
Date: 2011-10-24 20:45:32 UTC
From: Ian
Topic: 467 Message: 1043

I bought two of them on ebay last year. One was 2 metres and one was 6 metres. It made the 707 line up look pretty good. However the lack of interest on VHF meant I sold them both earlier this year. (Probably something I will regret at a later date.

I'd say there are 5 or 6 of them turn up online for sale every year. Costs vary depending on condition. Mine cost me around 50 GBP (75USD) each.

Ian - M0KCM

----- Original Message -----
From: johnjdignan
To: FT-707@yahoogroups.com
Sent: Saturday, October 22, 2011 9:54 PM
Subject: [FT-707] FTV707

HI There,
I looking buy (don't laugh) an FTV707 transverter, I don't mind what band, as I currently have none and intend to get them all! If you would please sign me up for membership of the group and post my request to the other members, I'd be very grateful. I realize that FTV707's aren't just rocking horse sh*t, but are the equivalent to the rare beetle that only lives in every one thousandth dollop of it. but I haven't given up just yet ...my life quest goes on.
Best Regards
John.

[Non-text portions of this message have been removed]

1044. To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-05 16:47:22 UTC
From: al7ak_9
Topic: 1044 Message: 1044

I bought a used FT-707 that has been sitting for a few years. Cranked it up recently and compared to my FT-817 it seems not to hear on some bands. I would like a rig with a little more juice since I don't love 10 sec QRP contacts. My eyes are not good enough anymore to work on the rig myself so I thought I would send it to Burghardt in South Dakota. But I could get a HF amp for my 817 instead. Any other recommended repair shops?

So the question to the group does the Ft-707 have an expiration date and is that long past such that investing in getting it aligned etc is now good money that will be wasted. Especially if something like my FT-480R/780R I have, the display driver chip goes and has no replacements available.

Thanks for your thoughts
AL7AK

1045. RE: [FT-707] To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-05 22:01:21 UTC
From: Dave
Topic: 1044 Message: 1045

I think the 707 is slightly deaf, I have a TS430 now (I wanted general coverage rx) and it seems more sensitive on the same antenna. The 707 has a mechanical vfo display and a marker crystal so you can tune it without the display. There is enough space to fit an alternative display.

Post cutted, quote removed
Your moderator

1046. Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-05 22:17:25 UTC
From: al7ak_9
Topic: 1044 Message: 1046

Thanks Dave,
My FT-707 display is ok now. But just giving the example of the FT480R where if the display chip goes there is no way to fix it. I was looking for feedback like that. In general is the FT-707 repairable. Or are there known problem parts that if they go there is no replacements available making the rig a boat anchor. OR maybe the caps all go bad at the same time and it requires tedious replacement which would be labor intensive. Those kind of things.

Cheers

--- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
>
>
>
> I think the 707 is slightly deaf, I have a TS430 now (I wanted general
> coverage rx) and it seems more sensitive on the same antenna. The 707 has a
> mechanical vfo display and a marker crystal so you can tune it without the
> display. There is enough space to fit an alternative display.
>
>
> Post cutted, quote removed
> Your moderator
>

1047. Re: [FT-707] Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-06 08:59:17 UTC
From: Thomas Carpenter
Topic: 1044 Message: 1047

Dirty contacts will resemble being deaf. The hard to find common parts are the Finals, relays and the Frequency counter chip, (there is the kit out there for this,) the power plugs are harder to come by. if mine goes I will transition to Power poles.

Tom Kb3hg

-----Original Message-----
From: al7ak_9 <google@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Nov 6, 2011 3:42 am
Subject: [FT-707] Re: To repair or not to repair that is the question

Thanks Dave,
My FT-707 display is ok now. But just giving the example of the FT480R where if the display chip goes there is no way to fix it. I was looking for feedback like that. In general is the FT-707 repairable. Or are there known problem parts that if they go there is no replacements available making the rig a boat anchor. OR maybe the caps all go bad at the same time and it requires tedious replacement which would be labor intensive. Those kind of things.

Cheers

--- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
>
>
>
> I think the 707 is slightly deaf, I have a TS430 now (I wanted general
> coverage rx) and it seems more sensitive on the same antenna. The 707 has a
> mechanical vfo display and a marker crystal so you can tune it without the
> display. There is enough space to fit an alternative display.
>
>
> Post cutted, quote removed
> Your moderator
>

[Non-text portions of this message have been removed]

1048. RE: [FT-707] Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-06 09:07:21 UTC
From: Dave
Topic: 1044 Message: 1048

I don't know of any components that fail apart from the usual problems with PA transistors if you miss-treat them, but many early rigs suffer the same. Early models should be avoided as they have very poor RX filtering but later models seem OK. Its been a while since I opened mine up but in general they seem easy to work on. Over the years I have added a CW filter which was easy, and a top band mod (instead of 24Mhz) which was harder.

Dave

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of al7ak_9
> Sent: 05 November 2011 22:17
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re: To repair or not to repair that is the question
>
>
> Thanks Dave,
> My FT-707 display is ok now. But just giving the example of
> the FT480R where if the display chip goes there is no way to
> fix it. I was looking for feedback like that. In general is
> the FT-707 repairable. Or are there known problem parts that
> if they go there is no replacements available making the rig
> a boat anchor. OR maybe the caps all go bad at the same time
> and it requires tedious replacement which would be labor
> intensive. Those kind of things.
>
> Cheers
>
> --- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
> >
> >
> >
> > I think the 707 is slightly deaf, I have a TS430 now (I
> wanted general
> > coverage rx) and it seems more sensitive on the same
> antenna. The 707 has a
> > mechanical vfo display and a marker crystal so you can tune
> it without the
> > display. There is enough space to fit an alternative display.
> >
> >
> > Post cutted, quote removed
> > Your moderator
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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1049. Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-06 15:05:18 UTC
From: al7ak_9
Topic: 1044 Message: 1049

Thanks, this is what I wanted to know. I contacted JA2SVZ and he still has his kit available so that covers the display. I wish it worked for the FT-480/780 I have!
So are there any parts like the one you indicated that are just plain not available? I read a comment on eham that some people are having problems with the bandswitch and that is not available?

Cheers

1050. Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-06 15:06:36 UTC
From: al7ak_9
Topic: 1044 Message: 1050

How do I identify how early my rig is? Serial number range?

1051. Postings

Yahoo group: FT-707
Date: 2011-11-06 15:10:50 UTC
From: pe1rea
Topic: 1051 Message: 1051

Hello everybody,

Is it possible to cut the quote's to a minimum?
Max one quote please, to stay readable.

Jim, your moderator.

1052. Re: [FT-707] Postings

Yahoo group: FT-707
Date: 2011-11-06 16:07:07 UTC
From: Thomas Carpenter
Topic: 1051 Message: 1052

Sure, I get so many short references it gets hard to follow, with the last one only. I only do it for clarity. If you don't want it I will follow your lead.

Tom Kb3hg

-----Original Message-----
From: pe1rea <peliklaas@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Nov 6, 2011 10:10 am
Subject: [FT-707] Postings

Hello everybody,

Is it possible to cut the quote's to a minimum?
Max one quote please, to stay readable.

Jim, your moderator.

[Non-text portions of this message have been removed]

1053. RE: [FT-707] Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-06 21:11:14 UTC
From: Dave
Topic: 1044 Message: 1053

The serial numbers will tell you, but if you take the top off early models have two rows of coil cans down the Left hand side and one row down the right. Later models have two rows down both sides. On early models the cans are in straight lines, in later models the are in wavy lines. The early PCB is marked PB2093A on later models its PB2201.

Dave
G4UGM

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of al7ak_9
> Sent: 05 November 2011 22:17
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Re: To repair or not to repair that is the question
>
>
> Thanks Dave,
> My FT-707 display is ok now. But just giving the example of
> the FT480R where if the display chip goes there is no way to
> fix it. I was looking for feedback like that. In general is
> the FT-707 repairable. Or are there known problem parts that
> if they go there is no replacements available making the rig
> a boat anchor. OR maybe the caps all go bad at the same time
> and it requires tedious replacement which would be labor
> intensive. Those kind of things.
>
> Cheers
>
> --- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
> >
> >
> >
> > I think the 707 is slightly deaf, I have a TS430 now (I
> wanted general
> > coverage rx) and it seems more sensitive on the same
> antenna. The 707 has a
> > mechanical vfo display and a marker crystal so you can tune
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> > Your moderator
> >

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>
> Yaesu-Musen Radios: Quality all around!
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1054. Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2011-11-07 15:09:09 UTC
From: al7ak_9
Topic: 1044 Message: 1054

Thanks very much. I will check for your points below. I think this makes up my mind. IF it is the newer version I will get it fixed if not I will give it a good burial. JA2SVZ says that the display chip also had two versions and the later did not have the problems of the earlier version.

--- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
>
> The serial numbers will tell you, but if you take the top off early models
> have two rows of coil cans down the Left hand side and one row down the
> right. Later models have two rows down both sides. On early models the cans
> are in straight lines, in later models the are in wavy lines. The early PCB
> is marked PB2093A on later models its PB2201.
>
> Dave
> G4UGM
>

1055. Re: [FT-707] Re: brand new owner

Yahoo group: FT-707
Date: 2011-11-28 02:45:52 UTC
From: Honey Green
Topic: 1033 Message: 1055

Hi boston-boy
 My radio would receive once in awhile,but never transmit.I Sent in to a repair place last of August the person says i is in que with a few more week to repair,will call and have it sent back to me.Then find some one else to look at it.
 Thanks for your reply Lynn

From: "cvest@..." <cvest@cox.net>
To: FT-707@yahoogroups.com
Cc: boston_boy_1984 <markdymek@...m>
Sent: Tuesday, October 18, 2011 5:59 PM
Subject: Re: [FT-707] Re: brand new owner

Fire up the FT-707 up on USB in the Technician part of the 10 meter band with just a wire dipole for now and you will be amazed at the contacts you can make while 10 is open . Hope to hear you on 10 soon !!

Charlie , W5COV

---- boston_boy_1984 <markdymek@...> wrote:
> this is not my first radio. i have an alinco dj-175. this is going to be my hf rig once i upgrade to general which will be in the next month.
>
>
>
> --- In FT-707@yahoogroups.com, Curt Nixon <captcurt@...> wrote:
> >
> > WElcome to amateur radio Mark:
> >
> > Nice choice for a simple first radio. Double check me, but last I
> > checked, tech's have priveledges on 10M. A simple vertical or a retuned
> > 11M (CB) antenna and you are set. 10M has been WIDE open lately and
> > working Europe and the west coast will be very easy. Hasn't been good
> > like this for years due to the sunspot cycle.
> >
> > Let me know if you need any help.
> >
> > Curt
> > KU8L
> > (Boston Crusaders Drum and Bugle Corps family/volunteer)
> >
> > boston_boy_1984 wrote:
> > >
> > > just bought one of these bad boys today from a guy in the area. i
> > > don't have a mic, antenna or power supply for it yet and also im only
> > > a tech so this is going to have to sit around for a few months till i

> > > can get everything set to use it. just thought i would post and
> > > introduce myself. my name is Mark(KB1WAG) from Boston MA and just
> > > became a ham a month ago!!
> > >
> > >
> >
>
>

[Non-text portions of this message have been removed]

1056. FT-707 Drifting & Jumping Channels HELP NEEDED!!!!

Yahoo group: FT-707
Date: 2011-11-29 18:04:10 UTC
From: Jay Knight
Topic: 1056 Message: 1056

I have a Yaesu FT-707 that I aquired and was told that the naughty bits it 27mHz were removed and it wa put back to normal 10mtr operation. However as you will see when you take a look at the video I made here http://youtu.be/3wh0uNss1eU you will see what I mean.

In 10A the freq just jumps all over the place and I cannot get onto our local net 28.350 but won't tune.

I noticed an FM board inside the Rig bua am sue it is not wired up anymore after the mupper frequencies were removed.

Please any advice and help here greatly appreciated. I got the Matcher version 707 that goes with this rig ans would love the 2mtr or a 4 meter transverter if someone has the neccesary for me to do this.

73 DE Jay M6JPK either message me or mail me direct from my QRZ.com email address.

1057. Re: [FT-707] FT-707 Drifting & Jumping Channels HELP NEEDED!!!!

Yahoo group: FT-707
Date: 2011-11-29 21:34:06 UTC
From: francesco messineo
Topic: 1056 Message: 1057

On Tue, Nov 29, 2011 at 7:04 PM, Jay Knight <jayknight71@...> wrote:
>
>
>
> I have a Yaesu FT-707 that I aquired and was told that the naughty bits it 27mHz were removed and it wa put back to normal 10mtr operation. However as you will see when you take a look at the video I made here http://youtu.be/3wh0uNss1eU you will see what I mean.
>
> In 10A the freq just jumps all over the place and I cannot get onto our local net 28.350 but won't tune.t

the symptom looks like a weakly tuned xtal oscillator for the 10A band.
Take a look at the manual for the 10A xtal premix LO oscillator and
tune it's trimmer capacitor to see if it stabilizes. If it doesn't,
then probably it's the LO mixer output filter that needs retuning, but
you better do that with some test instruments like a spectrum
analyzer.
It might also be a defective xtal or oscillator circuit, often this
rig needs some resoldering as the joints get weak and crack with age.
You need to poke around the 10A xtal oscillator to see if frequency stabilizes.

>
> I noticed an FM board inside the Rig bua am sue it is not wired up anymore after the mupper frequencies were removed.

interesting thing, I've never seen an FM board for the FT-707.

>
> Please any advice and help here greatly appreciated. I got the Matcher version 707 that goes with this rig ans would love the 2mtr or a 4 meter transverter if someone has the neccesary for me to do this.

I'm actually using my FT-707S (10W version) since 11 years with
transverters for 6m and 4m :-)

But I'm going to switch soon to the FT-102 which has the FM board as
it may help to work some new stations on 4m that have only FM rigs.

Best 73
Frank IZ8DWF

1058. Re: [FT-707] FT-707 Drifting & Jumping Channels HELP NEEDED!!!!

Yahoo group: FT-707
Date: 2011-11-29 22:09:51 UTC
From: William Shadid
Topic: 1056 Message: 1058

Jay,

I had exactly the same problem with an FT-707 I had. I also suspected the dreaded 11 meter issue. Also found agreement with those that suggested a faulty crystal or poor oscillation of the circuit the crystal drives. All seemed plausible and likely have all occurred in the past. But, in my case I completely removed every single connector in the unit, cleaned the pins as best I could without damaging the connectors, tightened all mounting screws for the circuit boards, and then reassembled the radio. That was it - maybe only one of those connection points was causing the problem - but the process was correct to do even if I never knew which connection was the culprit.

Please try this yourself before going too far with other corrective action.

Good luck and 73,

-Bill, WA9MXQ

-----Original Message-----
From: Jay Knight
Sent: Tuesday, November 29, 2011 12:04 PM
To: FT-707@yahoogroups.com
Subject: [FT-707] FT-707 Drifting & Jumping Channels HELP NEEDED!!!!

I have a Yaesu FT-707 that I aquired and was told that the naughty bits it 27mHz were removed and it wa put back to normal 10mtr operation. However as you will see when you take a look at the video I made here http://youtu.be/3wh0uNss1eU you will see what I mean.

In 10A the freq just jumps all over the place and I cannot get onto our local net 28.350 but won't tune.

I noticed an FM board inside the Rig bua am sue it is not wired up anymore after the mupper frequencies were removed.

Please any advice and help here greatly appreciated. I got the Matcher version 707 that goes with this rig ans would love the 2mtr or a 4 meter transverter if someone has the neccesary for me to do this.

73 DE Jay M6JPK either message me or mail me direct from my QRZ.com email address.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

1059. RE: [FT-707] FT-707 Drifting & Jumping Channels HELP NEEDED!!!!

Yahoo group: FT-707
Date: 2011-11-29 22:37:02 UTC
From: Dave
Topic: 1056 Message: 1059

```
>
> interesting thing, I've never seen an FM board for the FT-707.

There isn't one, but they were mods (or parhaps hacks is a better word) to
fit the FT747 FM board in a poly bag so it didn't short....

Quote editted by your moderator
```

1060. FT-707 FM Board

Yahoo group: FT-707
Date: 2011-11-30 13:41:48 UTC
From: xzs5ham
Topic: 1060 Message: 1060

There was a UK designed FM board available in the 1980's but it was so big you had to cut a big hole in the bottom of the case to fit it!
My ex-cb modded radio had one fitted but have now removed it & the hole plugged with a vented metal plate cut from a old stereo amp case.

1061. xtal wanted.

Yahoo group: FT-707
Date: 2011-12-01 18:55:55 UTC
From: -
Topic: 1061 Message: 1061

Hi ALL

Would anyone have a spare 43.4875mHz Xtal for band 10C that they are willing to part with ?

gregW:-) OH2FFY

1062. FT-707 Readable Service manual

Yahoo group: FT-707
Date: 2011-12-11 12:29:03 UTC
From: rodrigo_cesarm
Topic: 1062 Message: 1062

Hi all!!

I new here.

I need a readable service manual for servicing my FT707.

I have a internet downloaded service manual , but the wave forms are unreadable.

If someone have a good copy , please send to my email (it can handle 25MB).

Thanks to all.

73.

Rodrigo.

1063. Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2011-12-18 16:46:03 UTC
From: Dan
Topic: 1063 Message: 1063

Just got the FT-707 from a freind that didn't know anything about it. Hook everything up and flip her on. All the select buttons is off and set as op manual requested. The problem is that the freqency is non stop scanning of 91.14 so on. read the manual and don't see anything about this. Is the unit bad. I looked at utube and don't see this happed. Need help!!!
Dan KK4AAB

1064. Re: [FT-707] Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2011-12-18 18:19:43 UTC
From: francesco messineo
Topic: 1063 Message: 1064

Hi Dan,

On Sun, Dec 18, 2011 at 5:46 PM, Dan <danc37040@...> wrote:
>
>
>
> Just got the FT-707 from a freind that didn't know anything about it. Hook everything up and flip her on. All the select buttons is off and set as op manual requested. The problem is that the freqency is non stop scanning of 91.14 so on. read the manual and don't see anything about this. Is the unit bad. I looked at utube and don't see this happed. Need help!!!

this basicly mean your FT-707 is not working. First of all check the band switch, it might be in the "AUX" position which is basicly an unpopulated band position. If the rig does the same in ALL band positions, then make sure it's not actually receiving anything (connect an antenna and listen around), in facts the digital display it's just a frequency counter, might be the only part faulty (and easily fixable in this case). Otherwise if reception is absent, the problem might be a faulty contact somewhere, usually it's a little coax going to the board just on top of the rig, it pushes against the top cover and sooner or later the wire breaks as yaesu used fragile little coaxes with no proper coaxial connectors most of the time in that rig.
It could also be the common wire on one of the band switch wafers, the front panel wires sometimes break if the rig has been through a lot of "mods" and reworks, I've witnessed this too.
Might be quite a lot of problems anyway, but you can't tell what exactly without a bit of troubleshooting and understanding of how this rig works.
If you have at least an RF probe or a scope, it's not that difficult to fix a 707, I can suggest a few tests in that case.

73 es GL

Frank IZ8DWF

1066. Re: xtal wanted.

Yahoo group: FT-707
Date: 2011-12-19 19:23:04 UTC
From: rodrigo_cesarm
Topic: 1061 Message: 1066

--- In FT-707@yahoogroups.com, "-" <oh2ffy@...> wrote:
>
> Hi ALL
>
> Would anyone have a spare 43.4875mHz Xtal for band 10C that they are willing to part with
?
>
> gregW:-) OH2FFY

>
Hi Greg.

I don´t have a Xtal... ;-)

But i have a problem in the avr board of my FT707 and you wrote a very good article in your home page... i readed it a past time.

Now your home page are down. Can you send me the revised avr board article?

Sorry my bad english.

73. Rodrigo

1067. Setting up radio

Yahoo group: FT-707
Date: 2012-01-06 00:10:56 UTC
From: honeygreen3
Topic: 1067 Message: 1067

I have had my 707 repaired recently.I need help seating it up to receive and transmit.The antenna is a hustler btv-4 mounted 10 feet above ground,i have no room for radials,the cable from the antenna to radio is rg 8.
I am not sure how best to set radio to receive and transmit,am on 20 meters.
any help would be appreciated.

Lynn KC7FZC

1068. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-01-06 14:33:19 UTC
From: Curt
Topic: 1067 Message: 1068

Hi Lynn:

Congrats on the General!

The 707 is a good little rig..simple to operate. You for sure need to get a copy of the manual. Either on this group or at mods.dk or similar.

Now, If I recall, that antenna requires radials or a super good ground...ie buried radials. It isn't going to work very well if at all, with the fixed tuning of the 707. At the least, lay out a ground wire 30' long or so...doesn't need to be straight or elevated, or anything special. It isn't gonna help the anntena to get out but it will help to allow the rig to feed it power with (hopefully) a SWR below 2:1. I would not operate the rig above that at all. Elevated SWR will indeed KILL the PA in the 707.

Also, be sure you have a ground rod or similar for the antenna ground as close to the antenna as possible. Ground the rig to a good ground in the shack as well.

Second, I would get an antenna tuner to help with the tuning task. Either a simple manual tuner or one of the newer automatics.

Finally, by all means, add a RF choke to the coax line before it comes into the house. These are simply a coax connected cylinder that will prevent RF from coming into the shack down the outside of the feedline.

Hope this helps. C U on 20M

Curt
KU8L.

On 1/5/2012 7:10 PM, honeygreen3 wrote:
>
> I have had my 707 repaired recently.I need help seating it up to
> receive and transmit.The antenna is a hustler btv-4 mounted 10 feet
> above ground,i have no room for radials,the cable from the antenna to
> radio is rg 8.
> I am not sure how best to set radio to receive and transmit,am on 20
> meters.
> any help would be appreciated.
>
> Lynn KC7FZC
>
>

[Non-text portions of this message have been removed]

1069. Re: For Sale Yaesu FP-707 Power Supply & Yaesu Desk Mic

Yahoo group: FT-707
Date: 2012-01-07 00:37:17 UTC
From: ROBERT
Topic: 283 Message: 1069

hi- would you consider selling the desk mic- the element in my 38 has just gone bad- bought my mic back in 1983 with my 1983 ft980
thanks
bob donchez
wb3hyb
--- In FT-707@yahoogroups.com, "empagirv" <empagirv@...> wrote:
>
> Nice Yaesu FP 707 Power supply with all cable hook ups
> MINT Yaesu YM 38 Desk Mic with buttons AS NEW
> Make offer for either or both Thanks Irv
>

1070. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-01-07 21:53:39 UTC
From: Thomas Carpenter
Topic: 1067 Message: 1070

Lynn,
A coax choke will help with a reduction of common mode line currents, A ground will make a big difference, but radials are the other half of the antenna. Try to get at least 2 per band. I have a 4BTV ground mounted now. It will transmit without radials but it is not effective as a antenna. With radials it performs much better. As to AM I never tied it on any band, 20 meters SSB yes. Make Use of your ALC meter and adjust the mic gain accordingly.

Tom Kb3hg

-----Original Message-----
From: honeygreen3 <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Jan 5, 2012 11:52 pm
Subject: [FT-707] Setting up radio

I have had my 707 repaired recently.I need help seating it up to receive and transmit.The antenna is a hustler btv-4 mounted 10 feet above ground,i have no room for radials,the cable from the antenna to radio is rg 8.
I am not sure how best to set radio to receive and transmit,am on 20 meters.
any help would be appreciated.

Lynn KC7FZC

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1071. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-01-08 01:23:14 UTC
From: Honey Green
Topic: 1067 Message: 1071

Curt
 Thanks for the help,i do have a manual and a mf-j-41e versa tuner,i live in a corner lot that i quite narrow,i will look for a place to move my antenna so i can put down radials.
 Lynn kc7fzc

From: Curt <captcurt@...>
To: FT-707@yahoogroups.com
Cc: honeygreen3 <honeygreen3@...>
Sent: Friday, January 6, 2012 7:33 AM
Subject: Re: [FT-707] Setting up radio

Hi Lynn:

Congrats on the General!

The 707 is a good little rig..simple to operate. You for sure need to get a copy of the manual. Either on this group or at mods.dk or similar.

Now, If I recall, that antenna requires radials or a super good ground...ie buried radials. It isn't going to work very well if at all, with the fixed tuning of the 707. At the least, lay out a ground wire 30' long or so...doesn't need to be straight or elevated, or anything special. It isn't gonna help the anntena to get out but it will help to allow the rig to feed it power with (hopefully) a SWR below 2:1. I would not operate the rig above that at all. Elevated SWR will indeed KILL the PA in the 707.

Also, be sure you have a ground rod or similar for the antenna ground as close to the antenna as possible. Ground the rig to a good ground in the shack as well.

Second, I would get an antenna tuner to help with the tuning task. Either a simple manual tuner or one of the newer automatics.

Finally, by all means, add a RF choke to the coax line before it comes into the house. These are simply a coax connected cylinder that will prevent RF from coming into the shack down the outside of the feedline.

Hope this helps. C U on 20M

Curt
KU8L.

On 1/5/2012 7:10 PM, honeygreen3 wrote:
>
> I have had my 707 repaired recently.I need help seating it up to
> receive and transmit.The antenna is a hustler btv-4 mounted 10 feet

> above ground,i have no room for radials,the cable from the antenna to
> radio is rg 8.
> I am not sure how best to set radio to receive and transmit,am on 20
> meters.
> any help would be appreciated.
>
> Lynn KC7FZC
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1072. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-01-09 12:56:58 UTC
From: Curt
Topic: 1067 Message: 1072

Hi Lynn:

For temporary use, any layout of wire will do. THe longer the better but needs to be around 33' (1/4 wave on 40M) to work properly. It can drape over the roof, or form a large loop or whatever. It is just there to balance the 1/4 Wave vertical so it will load up.

There ARE vertical antennas out there that do not require radials to work properly. THese are typically loaded 1/2 wave vertical dipoles or 5/8 wave verticals. The Butternut is one example that has been around a long time.

Curt

Size of the message edited, your moderator.

1073. Re: For Sale Yaesu FP-707 Power Supply & Yaesu Desk Mic

Yahoo group: FT-707
Date: 2012-01-16 20:23:23 UTC
From: boston_boy_1984
Topic: 283 Message: 1073

```
--- In FT-707@yahoogroups.com, "duffinj49" <colacshoerepair@...> wrote:
>
>
>
> --- In FT-707@yahoogroups.com, "empagirv" <empagirv@> wrote:
> >
> > Nice Yaesu FP 707 Power supply with all cable hook ups
> > MINT Yaesu YM 38 Desk Mic with buttons AS NEW
> > Make offer for either or both Thanks Irv
> >
> What price did you have in mind for both thanks john .
> ps where do you live ?
>

I would be interested too.
```

1074. 2100B Amplifier hook up to FT-707 Question

Yahoo group: FT-707
Date: 2012-01-31 17:55:28 UTC
From: John Deboer
Topic: 1074 Message: 1074

So I want to put a Fl-2100B in line with my Ft-707. I have the FRB-707, so the only connection I am missing is the ALC input on the back of the amplifier. Is there an ALC output on the FT-707?

John, VE3XXJ

[Non-text portions of this message have been removed]

1075. Re: [FT-707] 2100B Amplifier hook up to FT-707 Question

Yahoo group: FT-707
Date: 2012-01-31 18:34:25 UTC
From: Curt
Topic: 1074 Message: 1075

Hi John:

I have both of these units here but not together. I'm pretty sure there is ALC on the back of the FT707 but can't remember at work. I could look that up in the manual but sure you could do that as well.

One other thing tho...the AMP SUPPLIES the ALC to control the transceiver..not the other way around. The ALC is an INPUT on the trx and an output on the amp. It is necesary to be sure the ALC voltages are compatible and of the proper polarity. This might be an issue in your case since the FL2100 was originally designed to be used with the tube hybrid FT101's and the 707 is all SS.

I will try to take a better look at all this when I get home. Should be a nice combination.

Curt
KU8L

On 1/31/2012 12:55 PM, John Deboer wrote:
>
>
> So I want to put a Fl-2100B in line with my Ft-707. I have the
> FRB-707, so the only connection I am missing is the ALC input on the
> back of the amplifier. Is there an ALC output on the FT-707?
>
> John, VE3XXJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1076. Re: [FT-707] 2100B Amplifier hook up to FT-707 Question

Yahoo group: FT-707
Date: 2012-01-31 20:27:40 UTC
From: Curt
Topic: 1074 Message: 1076

Well...I just took a peek at the user manual online. No ALC input on the FT707....strange I think. Perhaps Yaesu did not have a compatible amp at the time.

2100 has an ALC output but set up for the FT101. It could be used but might need scaling externally.

It might be possible to tap into the 707 ALC circuit internally, but I didn't look that far.

Curt

On 1/31/2012 1:34 PM, Curt wrote:
>
> Hi John:
>
> I have both of these units here but not together. I'm pretty sure there
> is ALC on the back of the FT707 but can't remember at work. I could
> look that up in the manual but sure you could do that as well.
>
> One other thing tho...the AMP SUPPLIES the ALC to control the
> transceiver..not the other way around. The ALC is an INPUT on the trx
> and an output on the amp. It is necesary to be sure the ALC voltages
> are compatible and of the proper polarity. This might be an issue in
> your case since the FL2100 was originally designed to be used with the
> tube hybrid FT101's and the 707 is all SS.
>
> I will try to take a better look at all this when I get home. Should be
> a nice combination.
>
> Curt
> KU8L
>
> On 1/31/2012 12:55 PM, John Deboer wrote:
> >
> >
> > So I want to put a Fl-2100B in line with my Ft-707. I have the
> > FRB-707, so the only connection I am missing is the ALC input on the
> > back of the amplifier. Is there an ALC output on the FT-707?
> >
> > John, VE3XXJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1077. Re: 2100B Amplifier hook up to FT-707 Question

Yahoo group: FT-707
Date: 2012-01-31 21:27:33 UTC
From: Jodi
Topic: 1074 Message: 1077

Do'oh on my part.....makes more sense the ALC would be an input on the FT707. Actually knew that but was not thinking when I typed.

There is a note in the FT707 service manual about hooking it up to the FL2100z....says to limit the carrier to 300 MA on voice peaks using the IC meter on the FL2100Z.....don't understand this as there is only plate and swr meters on the 2100z.....same as the 2100b. What could I use to monitor this?

Confused.....LOL.

Thanks for helping with this.....should have just bought a 2100z instead of the b version. :(

VE3XXJ

Quotes removed, Jim, your moderator

1078. Re: [FT-707] Re: 2100B Amplifier hook up to FT-707 Question

Yahoo group: FT-707
Date: 2012-02-01 01:34:49 UTC
From: Curt Nixon
Topic: 1074 Message: 1078

I do believe they are referring to the PLATE meter for looking at Ic which is nomenclature for the plate current. The SWR meter is also the plate current meter--selector switch below the meter.

I was cautious about recommending running this combo (or any) without ALC but we did it for years without issue. You just have to make sure you have a good way to monitor what is going out. I recommend using a monitor scope of some sort. This gives you very good view of any amplifier flat topping (ie splatter). Short of a scope, the manual reference to keep the voice peaks at about half of the steady state CW plate current is good general guidance. The reason that it needs to APPEAR so low is that the meter ballistics due to mass of the movement make it unable to accurately follow voice peaks. If the meter is indicating 2-300ma on peaks, the REAL peak current is more like 4-500 ma.

This all boils down to careful monitoring and keeping the drive under control. Avoid the urge to drive the plate current higher than 2-300 Ma on peaks.

BTW: I dont think there is much difference in these matters between the B and the Z.

Let us know how it goes....be careful if inside the 2100...it can definitely kill you!

Curt
KU8L

On 1/31/2012 4:27 PM, Jodi wrote:
>
> Do'oh on my part.....makes more sense the ALC would be an input on
> the FT707. Actually knew that but was not thinking when I typed.
>
> There is a note in the FT707 service manual about hooking it up to the
> FL2100z....says to limit the carrier to 300 MA on voice peaks using
> the IC meter on the FL2100Z.....don't understand this as there is
> only plate and swr meters on the 2100z.....same as the 2100b. What
> could I use to monitor this?
>
> Confused.....LOL.
>
> Thanks for helping with this.....should have just bought a 2100z
> instead of the b version. :(
>
> VE3XXJ
>

> Quotes removed, Jim, your moderator
>
>

[Non-text portions of this message have been removed]

1079. Re: [FT-707] Re: 2100B Amplifier hook up to FT-707 Question

Yahoo group: FT-707
Date: 2012-02-01 01:46:29 UTC
From: John Deboer
Topic: 1074 Message: 1079

Thanks so much Curt.....just got a yo-100 scope, so will use that. Will update when I get it up and running.

John VE3XXJ

Quotes removed, Jim, your moderator

1080. external vfo

Yahoo group: FT-707
Date: 2012-02-02 00:42:43 UTC
From: jschoap
Topic: 1080 Message: 1080

Hi all,
I have a external vfo unit,the 707dm. It seems fine except that when the receive button on the vfo is pressed the frequency display goes crazy rolling through random digitts. Its pretty fool proof to hook up so I don't have wires crossed but it definately has an issue. Any thoughts?
73
Jeff
KB3VXY

1081. Re: [FT-707] external vfo

Yahoo group: FT-707
Date: 2012-02-02 13:11:14 UTC
From: Thomas Carpenter
Topic: 1080 Message: 1081

Jeff consider cleaning any and all connectors in and from the VFO to the radio.I have one but have not used it in years.
The crazy display is usually a connector issue. my 2 cents

Curt any ideas?

73,
Tom Kb3hg

-----Original Message-----
From: jschoap <jschoap@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Feb 2, 2012 1:10 am
Subject: [FT-707] external vfo

Hi all,
I have a external vfo unit,the 707dm. It seems fine except that when the receive button on the vfo is pressed the frequency display goes crazy rolling through random digitts. Its pretty fool proof to hook up so I don't have wires crossed but it definately has an issue. Any thoughts?
73
Jeff
KB3VXY

[Non-text portions of this message have been removed]

1082. Re: [FT-707] external vfo

Yahoo group: FT-707
Date: 2012-02-02 13:56:56 UTC
From: Curt
Topic: 1080 Message: 1082

I haven't had direct experience with this VFO but in general, the rolling counter display is a sign of an unlock in the counter. If it only happens when using the DM, I would look for any level issues. If the level is too low, the counter in the FT will not lock up. Could also be marginal alignment of the counter/FT...or an output level problem in the DM.

Is the combination working like it should other than the digi display? Remember the display in the FT is just a freq counter...the rest of the VFO system internally is analog.

Make sure the connection leads are clean...a little Deoxit will help keep them good.\

If you have a scope or counter, it will tell you if the DM is actually putting anything out. It is actually WAAY more complex than the FT.

Maybe helpful...

Curt
KU8L

On 2/2/2012 8:11 AM, Thomas Carpenter wrote:
>
> Jeff consider cleaning any and all connectors in and from the VFO to
> the radio.I have one but have not used it in years.
> The crazy display is usually a connector issue. my 2 cents
>
> Curt any ideas?
>
> 73,
> Tom Kb3hg
>
> -----Original Message-----
> From: jschoap <jschoap@... <mailto:jschoap%40gmail.com>>
> To: FT-707 <FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>>
> Sent: Thu, Feb 2, 2012 1:10 am
> Subject: [FT-707] external vfo
>
> Hi all,
> I have a external vfo unit,the 707dm. It seems fine except that when
> the receive
> button on the vfo is pressed the frequency display goes crazy rolling
> through
> random digitts. Its pretty fool proof to hook up so I don't have wires
> crossed

> but it definately has an issue. Any thoughts?
> 73
> Jeff
> KB3VXY
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1083. Re: external vfo

Yahoo group: FT-707
Date: 2012-02-02 14:57:28 UTC
From: andre_pe1hwo
Topic: 1080 Message: 1083

Jeff, did you check the two AA batteries inside the FV-700/707DM?

Mine FV-700DM doesn't work either. All the clocks and oscillators work but it won't store any frequency.

73 André pe1hwo

--- In FT-707@yahoogroups.com, "jschoap" <jschoap@...> wrote:
>
> Hi all,
> I have a external vfo unit,the 707dm. It seems fine except that when the receive button on the vfo is pressed the frequency display goes crazy rolling through random digitts. Its pretty fool proof to hook up so I don't have wires crossed but it definately has an issue. Any thoughts?
> 73
> Jeff
> KB3VXY
>

1084. Re: [FT-707] Re: external vfo

Yahoo group: FT-707
Date: 2012-02-02 15:21:20 UTC
From: Curt
Topic: 1080 Message: 1084

There is an admonition in the user manual about making sure the SHIFT and CLAR are OFF before turning the DM off to avoid having the micro come up in a random state.

Curt

On 2/2/2012 9:57 AM, andre_pe1hwo wrote:
>
> Jeff, did you check the two AA batteries inside the FV-700/707DM?
>
> Mine FV-700DM doesn't work either. All the clocks and oscillators work
> but it won't store any frequency.
>
> 73 André pe1hwo
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>,
> "jschoap" <jschoap@...> wrote:
> >
> > Hi all,
> > I have a external vfo unit,the 707dm. It seems fine except that when
> the receive button on the vfo is pressed the frequency display goes
> crazy rolling through random digitts. Its pretty fool proof to hook up
> so I don't have wires crossed but it definately has an issue. Any
> thoughts?
> > 73
> > Jeff
> > KB3VXY
> >
>
>

[Non-text portions of this message have been removed]

1085. RE: [FT-707] external vfo

Yahoo group: FT-707
Date: 2012-02-02 17:52:58 UTC
From: Dave
Topic: 1080 Message: 1085

Change or remove the batteries? I doubt if this will cure the problem, but mine plays up when the batteries are flat.

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of jschoap
> Sent: 02 February 2012 00:43
> To: FT-707@yahoogroups.com
> Subject: [FT-707] external vfo
>
>
> Hi all,
> I have a external vfo unit,the 707dm. It seems fine except
> that when the receive button on the vfo is pressed the
> frequency display goes crazy rolling through random digitts.
> Its pretty fool proof to hook up so I don't have wires
> crossed but it definately has an issue. Any thoughts?
> 73
> Jeff
> KB3VXY
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

1086. Re: [FT-707] external vfo

Yahoo group: FT-707
Date: 2012-02-02 18:07:20 UTC
From: Dan Clark
Topic: 1080 Message: 1086

I have the same problem; I just rolls in 91. feg. rang. The only way to clear this is to wack it and come back on feg. Besides that it's a good radio.
Dan
KK4AAB

From: Curt <captcurt@...>
To: FT-707@yahoogroups.com
Cc: Thomas Carpenter <Kb3hg@...m>
Sent: Thursday, February 2, 2012 7:56 AM
Subject: Re: [FT-707] external vfo

I haven't had direct experience with this VFO but in general, the rolling counter display is a sign of an unlock in the counter. If it only happens when using the DM, I would look for any level issues. If the level is too low, the counter in the FT will not lock up. Could also be marginal alignment of the counter/FT...or an output level problem in the DM.

Is the combination working like it should other than the digi display? Remember the display in the FT is just a freq counter...the rest of the VFO system internally is analog.

Make sure the connection leads are clean...a little Deoxit will help keep them good.\

If you have a scope or counter, it will tell you if the DM is actually putting anything out. It is actually WAAY more complex than the FT.

Maybe helpful...

Curt
KU8L

On 2/2/2012 8:11 AM, Thomas Carpenter wrote:
>
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> The crazy display is usually a connector issue. my 2 cents
>
> Curt any ideas?
>
> 73,
> Tom Kb3hg
>
> -----Original Message-----
> From: jschoap <jschoap@... <mailto:jschoap%40gmail.com>>

> To: FT-707 <FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>>
> Sent: Thu, Feb 2, 2012 1:10 am
> Subject: [FT-707] external vfo
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> Hi all,
> I have a external vfo unit,the 707dm. It seems fine except that when
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> button on the vfo is pressed the frequency display goes crazy rolling
> through
> random digitts. Its pretty fool proof to hook up so I don't have wires
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> but it definately has an issue. Any thoughts?
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> Jeff
> KB3VXY
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1087. FC-707?

Yahoo group: FT-707
Date: 2012-02-03 16:02:30 UTC
From: Jack
Topic: 1087 Message: 1087

I need an antenna tuner for my FT-707.
An FC-707 would be perfect, but can consider any other make/model that is suitable.
Please reply to LA8IF@online.no

1088. Re: external vfo

Yahoo group: FT-707
Date: 2012-02-04 13:08:47 UTC
From: jschoap
Topic: 1080 Message: 1088

Thanks for the responses. The issue only happens when the transmit button on the VFO is pressed. I'd forgotten about the batteries! I will replace them and clean the connectors and pins. The Ft-707 has worked great once I got it back from Burghardts where it was aligned and a few diodes replaced. I will report back after taking care of these issues.
73,
Jeff
KB3VXY

Quote removed, your moderator

1089. FT-707 LSB problem and speaker issue

Yahoo group: FT-707
Date: 2012-02-18 21:29:07 UTC
From: captainstarburst
Topic: 1089 Message: 1089

Have the following 2 issues I hope someone can give further suggestions for.

1 - LSB is inoperable. I have read to try:

A: shoot contact cleaner into the mode switch - problem here is that it seems pretty well sealed and I can't determine where to shoot the liquid into. Thoughs on this? Multiple rotations of the switch back and forth have not helped. LSB position sounds like AM.

B: unplug and replug the interconnection plugs between boards in case there is oxidation on any of these - this did not help any - plus somewhere along the line I caused the problem to be discussed as #2 below.

In my experimentations, I was pulling on the USB and LSB crystals and they came "unplugged" very easily. Problem is that they are not supposed to unplug, they are soldered in! I temporarily put the LSB crystal into the USB position and on receive, at least, I could copy LSB with the front panel switch moved to USB as needed. I don't remember now for sure but I think that with the USB switch in the wrong position the LSB crystal did work too. In any event, that adds some confusion. I have not gone back to unsolder the crystals and swap them again but would be willing to if it was really necessary to test someone's ideas.

Any help will be greatly appreciated, especially with the LSB issue.

Paul, N9OT

1090. Re: FT-707 LSB problem and speaker issue

Yahoo group: FT-707
Date: 2012-02-19 13:39:02 UTC
From: paulhurm
Topic: 1089 Message: 1090

Thanks to the moderator, Jim, for editing my post for me before posting it. I had a major problem with the post before he did that! At this point I actually only have the 1 problem listed below about LSB not working.

I apparently also mistyped my own call and didn't catch that at first. I am actually N8OT.

Thanks to anyone who might have further suggestions about the LSB issue.

Paul

--- In FT-707@yahoogroups.com, "captainstarburst" <paulhurm@...> wrote:
>
> Have the following 2 issues I hope someone can give further suggestions for.
>
> 1 - LSB is inoperable. I have read to try:
>
> A: shoot contact cleaner into the mode switch - problem here is that it seems pretty well sealed and I can't determine where to shoot the liquid into. Thoughs on this? Multiple rotations of the switch back and forth have not helped. LSB position sounds like AM.
>
> B: unplug and replug the interconnection plugs between boards in case there is oxidation on any of these - this did not help any - plus somewhere along the line I caused the problem to be discussed as #2 below.
>
> In my experimentations, I was pulling on the USB and LSB crystals and they came "unplugged" very easily. Problem is that they are not supposed to unplug, they are soldered in! I temporarily put the LSB crystal into the USB position and on receive, at least, I could copy LSB with the front panel switch moved to USB as needed. I don't remember now for sure but I think that with the USB switch in the wrong position the LSB crystal did work too. In any event, that adds some confusion. I have not gone back to unsolder the crystals and swap them again but would be willing to if it was really necessary to test someone's ideas.
>
>
> Any help will be greatly appreciated, especially with the LSB issue.
>
> Paul, N9OT
>

1091. Re: FT-707 LSB problem and speaker issue

Yahoo group: FT-707
Date: 2012-02-22 03:12:07 UTC
From: jeffwa2scl
Topic: 1089 Message: 1091

Sounds like the oscillator associated with the LSB crystal is not working. Time to take out the voltmeter and see what's not right. Each of the LO crystal oscillator circuits is the same, so you can compare one with the other, voltage wise. If each is getting power and the crystal switching voltage is correct, it should work. If you suspect the switch, you can jumper the points with a clip lead to check. If the crystals pulled out so easily, look for old broken down solder joints (assuming the crystals are OK). There's only about a dozen parts that make the oscillator circuit, so there's not too much that can really go wrong. Divide and conquer!

--- In FT-707@yahoogroups.com, "paulhurm" <paulhurm@...> wrote:
>
> Thanks to the moderator, Jim, for editing my post for me before posting it. I had a major problem with the post before he did that! At this point I actually only have the 1 problem listed below about LSB not working.
>
> I apparently also mistyped my own call and didn't catch that at first. I am actually N8OT.
>
> Thanks to anyone who might have further suggestions about the LSB issue.
>
> Paul
>
>
> --- In FT-707@yahoogroups.com, "captainstarburst" <paulhurm@> wrote:
> >
> > Have the following 2 issues I hope someone can give further suggestions for.
> >
> > 1 - LSB is inoperable. I have read to try:
> >
> > A: shoot contact cleaner into the mode switch - problem here is that it seems pretty well sealed and I can't determine where to shoot the liquid into. Thoughs on this? Multiple rotations of the switch back and forth have not helped. LSB position sounds like AM.
> >
> > B: unplug and replug the interconnection plugs between boards in case there is oxidation on any of these - this did not help any - plus somewhere along the line I caused the problem to be discussed as #2 below.
> >
> > In my experimentations, I was pulling on the USB and LSB crystals and they came "unplugged" very easily. Problem is that they are not supposed to unplug, they are soldered in! I temporarily put the LSB crystal into the USB position and on receive, at least, I could copy LSB with the front panel switch moved to USB as needed. I don't remember now for sure but I think that with the USB switch in the wrong position the LSB crystal did work too. In any event, that adds some confusion. I have not gone back to unsolder the crystals and swap them again but would be willing to if it was really necessary to test someone's ideas.

> >
> >
> > Any help will be greatly appreciated, especially with the LSB issue.
> >
> > Paul, N9OT
> >
>

1092. Re: xtal wanted.

Yahoo group: FT-707
Date: 2012-02-28 20:51:44 UTC
From: rodrigo_cesarm
Topic: 1061 Message: 1092

Hi Greg.

Now i can acess your homepage and read all articles!!!

Thanks a lot!!

73.

Rodrigo.

1093. FT-707 unstable frequency display in TX

Yahoo group: FT-707
Date: 2012-03-24 20:05:29 UTC
From: f4arm01
Topic: 1093 Message: 1093

Hi all,
I have a very nice FT-707 that I am using as the main rig in the shack. Lately, the frequency display started to behave strangely. When I transmit, the reading goes completely mad and comes back to normal on receive. This is NOT a VFO issue as the actual transmit frequency is stable. Also, it does not seem to be RF coming back in some inappropriate way, as I also have the problem on a dummy load.
Do you have any suggestion as to what I may start troubleshooting first?

Thanks, best 73s F4ARM PIerre.

1094. Re: [FT-707] FT-707 unstable frequency display in TX

Yahoo group: FT-707
Date: 2012-03-25 10:44:16 UTC
From: Thomas Carpenter
Topic: 1093 Message: 1094

Pierre,
Is ti happening on all bands or just one band? Suspect contacts are getting tarnished, may be time to clean the pins, contacts and sockets. If it is one band it is easier to follow the path.

Tom Kb3hg

-----Original Message-----
From: f4arm01 <f4arm01@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sat, Mar 24, 2012 7:56 pm
Subject: [FT-707] FT-707 unstable frequency display in TX

Hi all,
I have a very nice FT-707 that I am using as the main rig in the shack. Lately, the frequency display started to behave strangely. When I transmit, the reading goes completely mad and comes back to normal on receive. This is NOT a VFO issue as the actual transmit frequency is stable. Also, it does not seem to be RF coming back in some inappropriate way, as I also have the problem on a dummy load.
Do you have any suggestion as to what I may start troubleshooting first?

Thanks, best 73s F4ARM PIerre.

[Non-text portions of this message have been removed]

1095. RE: [FT-707] FT-707 unstable frequency display in TX

Yahoo group: FT-707
Date: 2012-03-25 15:44:22 UTC
From: Dave
Topic: 1093 Message: 1095

Hi Pierre

The frequency disply on the FT-707 has a reputation for doing this, As you have found the actual transmit frequency is correct. This display unit was used in other Yaesu Radios, these also displayed the same problem.

There is a pic replacement - see link for details
http://www.qsl.net/oh8jep/ja2svz/

My Sommerkamp DX767 would do the same. I check all the connections to the board, made sure the board was fitted correctly etc. I did notice that the board would run fairly warm. I turned the top half of the case around so the ventilation slots are at the front of the radio. Problem has not returned since.

The PA has a substantial heat sink and fan - I recently used the radio for several hours of serious "rag chewing" and found the PA heatsink to be cool to touch, the frequency display was fine on all bands.

73 de Dave G7HNO
.

<http://geo.yahoo.com/serv?s=97359714/grpId=9841890/grpspId=1705063108/msgId=1093/stime=1332633407/nc1=5741392/nc2=4025321/nc3=5028927>

[Non-text portions of this message have been removed]

1096. Re: FT-707 unstable frequency display in TX

Yahoo group: FT-707
Date: 2012-03-30 09:09:28 UTC
From: f4arm01
Topic: 1093 Message: 1096

Hi all,

Sorry for not coming back to your messages sooner but I had a busy week.

the problem was more obvious on 10 initially, but it seems to be moving down as well now. I'll check board connections just in case it would solve the problem. As for trouble with the frequency counter chip, I'll try the cover reversal trick and I'll see if it improves things. In the worst case scenario, I'll give the PIC kit a whirl.

Thanks again for your much appreciated help!

Best 73s Pierre. F4ARM.

--- In FT-707@yahoogroups.com, "Dave" <dave@...> wrote:
>
> Hi Pierre
>
> The frequency disply on the FT-707 has a reputation for doing this, As you
> have found the actual transmit frequency is correct. This display unit was
> used in other Yaesu Radios, these also displayed the same problem.
>
> There is a pic replacement - see link for details
> http://www.qsl.net/oh8jep/ja2svz/
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> My Sommerkamp DX767 would do the same. I check all the connections to the
> board, made sure the board was fitted correctly etc. I did notice that the
> board would run fairly warm. I turned the top half of the case around so the
> ventilation slots are at the front of the radio. Problem has not returned
> since.
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> The PA has a substantial heat sink and fan - I recently used the radio for
> several hours of serious "rag chewing" and found the PA heatsink to be cool
> to touch, the frequency display was fine on all bands.
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> 73 de Dave G7HNO
> .
>
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> =1093/stime=1332633407/nc1=5741392/nc2=4025321/nc3=5028927>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1097. Re: [FT-707] Re: FT-707 unstable frequency display in TX

Yahoo group: FT-707
Date: 2012-03-30 14:36:33 UTC
From: Ernie Gray
Topic: 1093 Message: 1097

I have a 707 that jumps on RX too, similar problem, same fix???

73's

Ernie Gray
W1MRQ

PO Box 548
Weare, NH, 03281
603-779-7408

From: f4arm01 <f4arm01@...>
To: FT-707@yahoogroups.com
Sent: Friday, March 30, 2012 5:09 AM
Subject: [FT-707] Re: FT-707 unstable frequency display in TX

Hi all,

Sorry for not coming back to your messages sooner but I had a busy week.

the problem was more obvious on 10 initially, but it seems to be moving down as well now. I'll check board connections just in case it would solve the problem. As for trouble with the frequency counter chip, I'll try the cover reversal trick and I'll see if it improves things. In the worst case scenario, I'll give the PIC kit a whirl.

Thanks again for your much appreciated help!

Best 73s Pierre. F4ARM.

--- In FT-707@yahoogroups.com, "Dave" <dave@...> wrote:
>
> Hi Pierre
>
> The frequency disply on the FT-707 has a reputation for doing this, As you
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> used in other Yaesu Radios, these also displayed the same problem.
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> There is a pic replacement - see link for details
> http://www.qsl.net/oh8jep/ja2svz/
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> My Sommerkamp DX767 would do the same. I check all the connections to the
> board, made sure the board was fitted correctly etc. I did notice that the
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> several hours of serious "rag chewing" and found the PA heatsink to be cool
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>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1098. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-11 21:53:16 UTC
From: Honey Green
Topic: 1067 Message: 1098

Curt
 Lynn here
   I am still learning how to use my 707,lately when i am receiving the radio will stop receiving and i can not receive any more on any bands.Would you have any ideas as to what the problem is?
           Lunn

From: Curt <captcurt@...>
To: FT-707@yahoogroups.com
Cc: honeygreen3 <honeygreen3@...>
Sent: Friday, January 6, 2012 7:33 AM
Subject: Re: [FT-707] Setting up radio

Hi Lynn:

Congrats on the General!

The 707 is a good little rig..simple to operate. You for sure need to get a copy of the manual. Either on this group or at mods.dk or similar.

Now, If I recall, that antenna requires radials or a super good ground...ie buried radials. It isn't going to work very well if at all, with the fixed tuning of the 707. At the least, lay out a ground wire 30' long or so...doesn't need to be straight or elevated, or anything special. It isn't gonna help the anntena to get out but it will help to allow the rig to feed it power with (hopefully) a SWR below 2:1. I would not operate the rig above that at all. Elevated SWR will indeed KILL the PA in the 707.

Also, be sure you have a ground rod or similar for the antenna ground as close to the antenna as possible. Ground the rig to a good ground in the shack as well.

Second, I would get an antenna tuner to help with the tuning task. Either a simple manual tuner or one of the newer automatics.

Finally, by all means, add a RF choke to the coax line before it comes into the house. These are simply a coax connected cylinder that will prevent RF from coming into the shack down the outside of the feedline.

Hope this helps. C U on 20M

Curt
KU8L.

On 1/5/2012 7:10 PM, honeygreen3 wrote:
>

> I have had my 707 repaired recently.I need help seating it up to
> receive and transmit.The antenna is a hustler btv-4 mounted 10 feet
> above ground,i have no room for radials,the cable from the antenna to
> radio is rg 8.
> I am not sure how best to set radio to receive and transmit,am on 20
> meters.
> any help would be appreciated.
>
> Lynn KC7FZC
>
>

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[Non-text portions of this message have been removed]

1099. RE: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-12 05:41:49 UTC
From: Dave
Topic: 1067 Message: 1099

Lynn

Does the signal meter continue to indicate received signals? I'm assuming that the radio is not transmitting but there is no receive audio through the speaker. If this is the case does quickly keying the mic or pushing the the MOX button sometimes clear the problem?

If so I'd look at the larger Relay on the AVR board. This is quite a common issue on the 707.

I removed mine and cleaned the contacts and lubed the relay - the fix has lasted over 6 months.
Just cleaning the contacts just cured the issue for a day or so.

The AVR board is very fiddly to get at - I have yet to find a new direct replacement relay for sale but I have seen them for sale on e-bay having been salvaged from scrap radios.

73 Dave G7HNO

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Honey Green
Sent: 11 April 2012 22:53
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Setting up radio

Curt
Lynn here
I am still learning how to use my 707,lately when i am receiving the radio will stop receiving and i can not receive any more on any bands.Would you have any ideas as to what the problem is?
Lunn

From: Curt <captcurt@... <mailto:captcurt%40flash.net> >
To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
Cc: honeygreen3 <honeygreen3@... <mailto:honeygreen3%40yahoo.com> >
Sent: Friday, January 6, 2012 7:33 AM
Subject: Re: [FT-707] Setting up radio

Hi Lynn:

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Curt
KU8L.

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> receive and transmit.The antenna is a hustler btv-4 mounted 10 feet
> above ground,i have no room for radials,the cable from the antenna to
> radio is rg 8.
> I am not sure how best to set radio to receive and transmit,am on 20
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> any help would be appreciated.
>
> Lynn KC7FZC
>
>

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[Non-text portions of this message have been removed]

1100. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-12 04:40:12 UTC
From: cvest@cox.net
Topic: 1067 Message: 1100

Hi Lynn ,

Can you provide some more details ? Do you lose audio in the speaker , or just no stations being heard ? Does it do it in a pattern , such as after it has been on for a while , or is it completely random ?

Does the transmitter still operate when it quits receiving ?

What kind and size of power supply are you using ?

73 ,

Charlie , W5COV
---- Honey Green <honeygreen3@...> wrote:
> Curt
> Lynn here
> I am still learning how to use my 707,lately when i am receiving the radio will stop receiving and i can not receive any more on any bands.Would you have any ideas as to what the problem is?
> Lunn
>
>
>
> _____
> From: Curt <captcurt@...>
> To: FT-707@yahoogroups.com
> Cc: honeygreen3 <honeygreen3@...>
> Sent: Friday, January 6, 2012 7:33 AM
> Subject: Re: [FT-707] Setting up radio
>
>
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> Hi Lynn:
>
> Congrats on the General!
>
> The 707 is a good little rig..simple to operate. You for sure need to
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> would not operate the rig above that at all. Elevated SWR will indeed

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> Also, be sure you have a ground rod or similar for the antenna ground as
> close to the antenna as possible. Ground the rig to a good ground in
> the shack as well.
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> Second, I would get an antenna tuner to help with the tuning task.
> Either a simple manual tuner or one of the newer automatics.
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> Finally, by all means, add a RF choke to the coax line before it comes
> into the house. These are simply a coax connected cylinder that will
> prevent RF from coming into the shack down the outside of the feedline.
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> Hope this helps. C U on 20M
>
> Curt
> KU8L.
>
> On 1/5/2012 7:10 PM, honeygreen3 wrote:
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> > I have had my 707 repaired recently.I need help seating it up to
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> [Non-text portions of this message have been removed]
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1101. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-12 12:04:25 UTC
From: Curt
Topic: 1067 Message: 1101

As some of the others have suggested, we need to learn a little more
about the symptoms. Is the S meter still "seeing" signals? Can you get
it back by momentarily keying the Tx? How about a turn-off- turn on
cycle? Is it always the same amount of time from turn-on when it
fails? What does the frequency display do when this happens?
Does it transmit? Power out indication?

It could be as simple as the TR relay being dirty, or more complex, but
much can be learned from a thorough symptom investigation.

Curt
KU8L

On 4/11/2012 4:53 PM, Honey Green wrote:
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> Also, be sure you have a ground rod or similar for the antenna ground as
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> Either a simple manual tuner or one of the newer automatics.
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> > any help would be appreciated.
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> > Lynn KC7FZC
> >
> >
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1102. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-12 15:05:33 UTC
From: Thomas Carpenter
Topic: 1067 Message: 1102

Lynn,

The 4 band trap vertical is finicky without radials. whats the chances you can add wires from the base of the antenna to the ground. several would be good. Now understand, by having radials the ten meter portion will look like a dipole vertical antenna. You have balanced your system out a bit. common mode currents will be down and not on your coax. Did you add a coil balun under the antenna? That helps too. Any how try it your receiver should perk up. My primary FT-707 was deaf when I first bought it. There is a lamp/fuse in the receive line, be aware of that. mine was blown when I bought it.

Add the wire and see if it helps. I have the same antenna also. don't discount inverted Vees either.

Tom Kb3hg

-----Original Message-----
From: Honey Green <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Apr 12, 2012 12:19 am
Subject: Re: [FT-707] Setting up radio

Curt
Lynn here
I am still learning how to use my 707,lately when i am receiving the radio
will stop receiving and i can not receive any more on any bands.Would you have
any ideas as to what the problem is?
Lunn

On 1/5/2012 7:10 PM, honeygreen3 wrote:
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> above ground,i have no room for radials,the cable from the antenna to
> radio is rg 8.
> I am not sure how best to set radio to receive and transmit,am on 20
> meters.
> any help would be appreciated.
>
> Lynn KC7FZC

[Non-text portions of this message have been removed]

1103. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-15 23:24:05 UTC
From: Honey Green
Topic: 1067 Message: 1103

I have been on 20 meters the clar,nb acl buttons pushed in,i think the problem is me not knowing enough about the radio,i have been able to keep on a received signal,some of which seem to be very strong.Knobs used rf 12:00,width 2:00,af 7:00,clar 12:00 hope this helps some

Thanks to everyone for your help.
 Kc7fzc

_____
From: Curt <captcurt@...>
To: FT-707@yahoogroups.com
Cc: Honey Green <honeygreen3@yahoo.com>
Sent: Thursday, April 12, 2012 6:04 AM
Subject: Re: [FT-707] Setting up radio

As some of the others have suggested, we need to learn a little more
about the symptoms. Is the S meter still "seeing" signals? Can you get
it back by momentarily keying the Tx? How about a turn-off- turn on
cycle? Is it always the same amount of time from turn-on when it
fails? What does the frequency display do when this happens?
Does it transmit? Power out indication?

It could be as simple as the TR relay being dirty, or more complex, but
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Curt
KU8L

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> To: FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>
> Cc: honeygreen3 <honeygreen3@... <mailto:honeygreen3%40yahoo.com>>
> Sent: Friday, January 6, 2012 7:33 AM
> Subject: Re: [FT-707] Setting up radio
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1104. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 08:26:16 UTC
From: cvest@cox.net
Topic: 1067 Message: 1104

The RF gain needs to be turned all the way up . (clockwise) . You should be able to turn the clarifier off , especially just for listening . Haven't used mine in a while , to refresh my knowledge on the controls , I'll go down tomorrow and put it on the air , so maybe I can help talk you through getting it setup for receive and go from there . Also you can leave the ALC off , when you are just trying to receive . Once you get the receive mastered , then we can discuss what it takes to put a signal on the air .

Please keep us informed how things are going .

Charlie , W5COV
---- Honey Green <honeygreen3@...> wrote:
> I have been on 20 meters the clar,nb acl buttons pushed in,i think the problem is me not knowing enough about the radio,i have been able to keep on a received signal,some of which seem to be very strong.Knobs used rf 12:00,width 2:00,af 7:00,clar 12:00 hope this helps some
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> Thanks to everyone for your help.
> Kc7fzc
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>
> _____
> From: Curt <captcurt@...>
> To: FT-707@yahoogroups.com
> Cc: Honey Green <honeygreen3@...>
> Sent: Thursday, April 12, 2012 6:04 AM
> Subject: Re: [FT-707] Setting up radio
>
>
>
> As some of the others have suggested, we need to learn a little more
> about the symptoms. Is the S meter still "seeing" signals? Can you get
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> It could be as simple as the TR relay being dirty, or more complex, but
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> Curt
> KU8L
>
> On 4/11/2012 4:53 PM, Honey Green wrote:
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> >
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1105. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 13:10:24 UTC
From: Curt
Topic: 1067 Message: 1105

Yes..good advice from Charlie. Except, I can't recall that you can actually turn the ALC (transmit Auto Level Control) off.

There is a AGC selection tho.. (Auto Gain Control for Rx). With the RF gain control at max, DO use the AGC on fast or slow. Slow for SSB. Without AGC, the Smeter will not function and there will be great differences between strong and weak signals. Strong signals will overload the Rx chain and cause distortion.

As Charlie said, rarely do we use the RF gain control at anything but max. There are some advanced techniques for using the RF gain control when trying to reduce noise levels but you can pick those up later.

Leave the clarifier off. (Yaesu name for Receiver Incremental Tuning, RIT) Adjusts the rx frequency leaving the Tx freq as set. Good for adjusting for any offset in transceivers.

Charlie's idea of talking you thru an initial setup is great.

Hope this helps.

Curt
KU8L

On 4/16/2012 3:26 AM, cvest@... wrote:
>
> The RF gain needs to be turned all the way up . (clockwise) . You
> should be able to turn the clarifier off , especially just for
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> > Cc: Honey Green <honeygreen3@...
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> > Sent: Thursday, April 12, 2012 6:04 AM
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> <mailto:FT-707%40yahoogroups.com>
> > > Cc: honeygreen3 <honeygreen3@...
> <mailto:honeygreen3%40yahoo.com> <mailto:honeygreen3%40yahoo.com>>
> > > Sent: Friday, January 6, 2012 7:33 AM
> > > Subject: Re: [FT-707] Setting up radio
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1106. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 16:06:32 UTC
From: cvest@cox.net
Topic: 1067 Message: 1106

Curt , I thought I had noted he should only have the ALC off when he was getting familiar with the radio while setting it up for receive . I was thinking it might take a bit time before he attempted transmitting . But it was late last night and I could easily have forgotten to put that part in there .

With all of us working together , I think we can talk him through setting it up for receive for now and let him get some experience and then work on the transmit side .

Curt is 100% correct that the ALC needs to be on for transmitting , but that will be a lesson / explanation in itself .

73 ,

Charlie , W5COV
-

Quotes removed, Jim, your moderator

1107. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 16:25:07 UTC
From: Curt
Topic: 1067 Message: 1107

Absolutely Charlie:

You did indeed.

No problem, my recollection is there is no way to turn off ALC. It is a transmit function so shouldn't impact rx at all. AGC on the other hand is Rx and effects a lot.

Just a clarification.

Working from office so no reference other than my memory here :)

Always glad for the help and alternatives too.

Curt
KU8L

quotes removed, Jim, your moderator

1108. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 16:39:35 UTC
From: Curt
Topic: 1067 Message: 1108

Well, I just downloaded a copy of the op manual so I could refer to it.

The ALC button just is a meter selector. Selects monitoring of ALC or Power Out for Tx. Should have no effect in either position for Rx.

Also, there is no way to turn off AGC. The AGC F button just selects Fast AGC instead of slow. Generally Slow AGC (un pressed) is what I use for everything and will be good for SSB.

For SSB, you might want to have the width control near to max...surely above the 3:00 o'clock position for the best tone. narrow up if you are having interference but the tone will get progressively less pleasant as you go narrower on SSB.

Curt
KU8L

quotes removed, Jim, your moderator

1109. RE: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 18:46:03 UTC
From: Dave
Topic: 1067 Message: 1109

The ALC is the middle button - although as you say it will only affect TX.

73 Dave G7HNO

[Non-text portions of this message have been removed]

1110. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 18:52:08 UTC
From: Curt
Topic: 1067 Message: 1110

Yes..

THe real point was that even in Tx, that button does not change the operation. It is simply a selection switch for the metering. Bargraph can disply either the ALC level or the Power Out.

Curt

On 4/16/2012 1:46 PM, Dave wrote:
>
> The ALC is the middle button - although as you say it will only affect TX.
>
> 73 Dave G7HNO
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1111. RE: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-16 21:53:01 UTC
From: Dave
Topic: 1067 Message: 1111

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of Curt
> Sent: 16 April 2012 17:40
> To: FT-707@yahoogroups.com
> Cc: cvest@...
> Subject: Re: [FT-707] Setting up radio
>
>
> Well, I just downloaded a copy of the op manual so I could
> refer to it.
>
> The ALC button just is a meter selector. Selects monitoring
> of ALC or
> Power Out for Tx. Should have no effect in either position for Rx.
>
> Also, there is no way to turn off AGC. The AGC F button
> just selects
> Fast AGC instead of slow. Generally Slow AGC (un pressed) is
> what I use
> for everything and will be good for SSB.
>

On noisy LF bands I find backing off the RF gain control helps. I think it
in effect it overrides the AGC as its connected to the AGC line.

> For SSB, you might want to have the width control near to
> max...surely
> above the 3:00 o'clock position for the best tone. narrow up
> if you are
> having interference but the tone will get progressively less
> pleasant as
> you go narrower on SSB.
>
> Curt
> KU8L
>
>
> quotes removed, Jim, your moderator
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>

> Yahoo! Groups Links
>
>
>
>

1112. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-04-17 12:25:19 UTC
From: Curt
Topic: 1067 Message: 1112

Yes Sir Dave:

That is exactly the technique I referred to as "advanced" The old knob twisters method for dealing with horrendous noise. Its amazing how many new hams don't know how to do this, or why it works. I didn't want to confuse Lynn with some of that stuff but it surely does work a treat.

I suspect it is a carry-over from the days of the BFO. Run the audio gain near max and ride the RF gain control to just enough to hear the station of interest. I don't do it a lot but being an NCS on a 40 M SSB net there certainly are times when it is useful.

Curt
KU8L

quotes removed, Jim, your moderator

1113. readable service manual

Yahoo group: FT-707
Date: 2012-04-27 09:42:30 UTC
From: francesco messineo
Topic: 1113 Message: 1113

Hi all,

my beloved FT-707S stopped txing "overnight", there's not the slightest amount of power output on any band any mode.
I have a copy of the service manual but all the levels readings are just black boxes (this is a copy circulating on the net). Does anyone have a copy of the service manual with all the levels readable on the schematics? That would help me troubleshoot the old rig...

Thanks in advance and best regards.

Frank IZ8DWF

1114. Re: [FT-707] readable service manual

Yahoo group: FT-707
Date: 2012-04-27 12:36:19 UTC
From: Jens Laland
Topic: 1113 Message: 1114

Frank

I have a similar problem reading my xerox copy of the said service manual,
and would be willing to share the cost to obtain a proper (useful) copy.

Best regards,
Jens Laland
LA3NO

** Hi all,
**
** my beloved FT-707S stopped txing "overnight", there's not the
** slightest amount of power output on any band any mode.
** I have a copy of the service manual but all the levels readings are
** just black boxes (this is a copy circulating on the net). Does anyone
** have a copy of the service manual with all the levels readable on the
** schematics? That would help me troubleshoot the old rig...
**
** Thanks in advance and best regards.
**
** Frank IZ8DWF

1115. Re: [FT-707] readable service manual

Yahoo group: FT-707
Date: 2012-04-27 13:08:35 UTC
From: Ian McGowan
Topic: 1113 Message: 1115

Jens,
I attach here good scans of the offending pages, same as I sent Frank.

73 Ian G8OFZ.

----- Original Message -----
From: Jens Laland
To: FT-707@yahoogroups.com
Sent: Friday, April 27, 2012 1:36 PM
Subject: Re: [FT-707] readable service manual

Frank

I have a similar problem reading my xerox copy of the said service manual,
and would be willing to share the cost to obtain a proper (useful) copy.

Best regards,
Jens Laland
LA3NO

** Hi all,
**
** my beloved FT-707S stopped txing "overnight", there's not the
** slightest amount of power output on any band any mode.
** I have a copy of the service manual but all the levels readings are
** just black boxes (this is a copy circulating on the net). Does anyone
** have a copy of the service manual with all the levels readable on the
** schematics? That would help me troubleshoot the old rig...
**
** Thanks in advance and best regards.
**
** Frank IZ8DWF

[Non-text portions of this message have been removed]

1116. Re: readable service manual

Yahoo group: FT-707
Date: 2012-04-27 13:53:32 UTC
From: g8ofz
Topic: 1113 Message: 1116

Check your emails, Jens. I've sent to you direct good scans of the offending pages in the service manual.(Same as I sent to Frank)

Cheers, Ian G8OFZ

--- In FT-707@yahoogroups.com, "Jens Laland" <laland@...> wrote:
>
> Frank
>
> I have a similar problem reading my xerox copy of the said service manual,
> and would be willing to share the cost to obtain a proper (useful) copy.
>
> Best regards,
> Jens Laland
> LA3NO
>
> ** Hi all,
> **
> ** my beloved FT-707S stopped txing "overnight", there's not the
> ** slightest amount of power output on any band any mode.
> ** I have a copy of the service manual but all the levels readings are
> ** just black boxes (this is a copy circulating on the net). Does anyone
> ** have a copy of the service manual with all the levels readable on the
> ** schematics? That would help me troubleshoot the old rig...
> **
> ** Thanks in advance and best regards.
> **
> ** Frank IZ8DWF
>

1117. Re. Unclear pages in the electronic version of the FT707 Service Manual.

Yahoo group: FT-707
Date: 2012-04-27 14:15:55 UTC
From: g8ofz
Topic: 1117 Message: 1117

Hi All, for anyone struggling with the electronic copy of the FT707 Service Manual, I have posted a folder in "Files" containing good scans of the four offending pages.

73, Ian G8OFZ.

1118. Re: [FT-707] readable service manual

Yahoo group: FT-707
Date: 2012-04-27 14:11:45 UTC
From: francesco messineo
Topic: 1113 Message: 1118

Hi Jens

On Fri, Apr 27, 2012 at 2:36 PM, Jens Laland <laland@...> wrote:
>
>
>
> Frank
>
> I have a similar problem reading my xerox copy of the said service manual,
> and would be willing to share the cost to obtain a proper (useful) copy.

I obtained the few pages I needed from a nice UK ham, I think the best
option would be if someone with an original copy of the manual could
scan it with the right settings and share the copy.

Best 73
Frank IZ8DWF

1119. Re: [FT-707] Re. Unclear pages in the electronic version of the FT707 Service Manual.

Yahoo group: FT-707
Date: 2012-04-28 12:43:54 UTC
From: Jens Laland
Topic: 1117 Message: 1119

Thanks a lot, Ian !!

73, Jens LA3NO

1120. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-05-13 01:21:44 UTC
From: Honey Green
Topic: 1067 Message: 1120

FT 707 users

I am able to hold a station where in the past it would drift(operator error)question:does will i hurt radio to switch from usb to lsb or the other way?

kc7fzc

From: Curt <captcurt@...>
To: FT-707@yahoogroups.com
Cc: cvest@...
Sent: Monday, April 16, 2012 10:39 AM
Subject: Re: [FT-707] Setting up radio

Well, I just downloaded a copy of the op manual so I could refer to it.

The ALC button just is a meter selector. Selects monitoring of ALC or Power Out for Tx. Should have no effect in either position for Rx.

Also, there is no way to turn off AGC. The AGC F button just selects Fast AGC instead of slow. Generally Slow AGC (un pressed) is what I use for everything and will be good for SSB.

For SSB, you might want to have the width control near to max...surely above the 3:00 o'clock position for the best tone. narrow up if you are having interference but the tone will get progressively less pleasant as you go narrower on SSB.

Curt
KU8L

quotes removed, Jim, your moderator

[Non-text portions of this message have been removed]

1121. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-05-13 09:52:35 UTC
From: Thomas Carpenter
Topic: 1067 Message: 1121

Lower to upper or upper to lower not the same at all. Drifting? how much and how fast? Did you reverse the top case of the radio so the vents are toward the front? Is the receiver or the transmitter drifting? Are you using the clarifier?

Tom Kb3hg

quotes removed, Jim, your moderator

1122. ft 707 receive

Yahoo group: FT-707
Date: 2012-05-23 03:27:17 UTC
From: Honey Green
Topic: 1122 Message: 1122

how do i put this,while in the receive mode i switched from lsb to usb ,heard a loud pop in speaker,now ethier there i no activity on 20 meter or i have done some real damage does anyone have any ideas?

Lynn KC&FZC

[Non-text portions of this message have been removed]

1123. Re: ft 707 receive

Yahoo group: FT-707
Date: 2012-05-23 08:57:28 UTC
From: Willem
Topic: 1122 Message: 1123

Does the radio work well on other bands? It might be the speaker if the problem exists on all bands, in which case you could try an external speaker instead of the internal one.

If it's only on 20 meter, there will be something wrong in that circuit, presumably somewhere around the LSB/USB parts. That should narrow down a search through the schema's.

--- In FT-707@yahoogroups.com, Honey Green <honeygreen3@...> wrote:
>
> how do i put this,while in the receive mode i switched from lsb to usb ,heard a loud pop in speaker,now ethier there i no activity on 20 meter or i have done some real damage does anyone have any ideas?
>
> ï¿½ï¿½ Lynn KC&FZC
>
> [Non-text portions of this message have been removed]
>

1124. Re: [FT-707] ft 707 receive

Yahoo group: FT-707
Date: 2012-05-23 15:43:15 UTC
From: Thomas Carpenter
Topic: 1122 Message: 1124

There is a lamp labeled FO1 I believe, If the radio seems deaf on all bands that may be it, It is a fuse. you can replace it with a wire or a grain of wheat bulb.
Details being few , do you get anything on CW or AM position? how about 80-40 - or 30 meters.

Look at the attached solution set from the manual.

update us to your status.

Tom

-----Original Message-----
From: Honey Green <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Wed, May 23, 2012 12:23 am
Subject: [FT-707] ft 707 receive

how do i put this,while in the receive mode i switched from lsb to usb ,heard a loud pop in speaker,now ethier there i no activity on 20 meter or i have done some real damage does anyone have any ideas?

Lynn KC&FZC

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1125. Re: [FT-707] Re: ft 707 receive

Yahoo group: FT-707
Date: 2012-05-24 19:30:37 UTC
From: Honey Green
Topic: 1122 Message: 1125

Willem
Thank you for your help.Found out that there was no activity on 20 meters.Yesterday i picked up several stations.Do you have a707?
 Lynn KC&FZC

From: Willem <willem.van.strik@dop.nu>
To: FT-707@yahoogroups.com
Sent: Wednesday, May 23, 2012 2:57 AM
Subject: [FT-707] Re: ft 707 receive

Does the radio work well on other bands? It might be the speaker if the problem exists on all bands, in which case you could try an external speaker instead of the internal one.

If it's only on 20 meter, there will be something wrong in that circuit, presumably somewhere around the LSB/USB parts. That should narrow down a search through the schema's.

--- In FT-707@yahoogroups.com, Honey Green <honeygreen3@...> wrote:
>
> how do i put this,while in the receive mode i switched from lsb to usb ,heard a loud pop in speaker,now ethier there i no activity on 20 meter or i have done some real damage does anyone have any ideas?
>
> ï¿½ï¿½ Lynn KC&FZC
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1126. Re: [FT-707] Re: ft 707 receive

Yahoo group: FT-707
Date: 2012-05-27 09:08:43 UTC
From: Thomas Carpenter
Topic: 1122 Message: 1126

Guess, your problem is resolved?

--- In FT-707@yahoogroups.com, Honey Green <honeygreen3@...> wrote:
>
> how do i put this,while in the receive mode i switched from lsb to usb ,heard a loud pop in speaker,now ethier there i no activity on 20 meter or i have done some real damage does anyone have any ideas?
>
Lynn KC&FZC

[Non-text portions of this message have been removed]

1127. Re: ft 707 receive

Yahoo group: FT-707
Date: 2012-06-03 20:51:03 UTC
From: Steve
Topic: 1122 Message: 1127

Lynn,

Had the same thing happen to my FT-707 years ago -- a loud pop and then no audio. I was listening at a moderately loud level while mobiling up the Al-Can Hwy. It turned out the speaker was blown -- the issue was the natural old-age breakage of a fragile lead wire between the speaker connection tabs and voice coil. Ended up replacing the speaker with another from MCM electronics.

I hope that's all your issue is...

73 de Steve, NL7W
Palmer, Alaska

--- In FT-707@yahoogroups.com, Honey Green <honeygreen3@...> wrote:
>
> how do i put this,while in the receive mode i switched from lsb to usb ,heard a loud pop in speaker,now ethier there i no activity on 20 meter or i have done some real damage does anyone have any ideas?
>
> Lynn KC&FZC
>
> [Non-text portions of this message have been removed]
>

1128. Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-05 17:54:29 UTC
From: g0dfc
Topic: 1128 Message: 1128

Hi all,

Just required a faulty ft-707 with matching fp-707 and fc-707 atu.

The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.

Any ideas would be helpful.

73
G0DFC

1129. RE: [FT-707] Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-05 18:57:32 UTC
From: terry scanlon
Topic: 1128 Message: 1129

check theres xtals in side and in the correct places and correctly seated would be my first check

73,s g7vjh

To: FT-707@yahoogroups.com
From: g0dfc@...
Date: Tue, 5 Jun 2012 17:54:29 +0000
Subject: [FT-707] Display freezes on 91Mhz

Hi all,

Just required a faulty ft-707 with matching fp-707 and fc-707 atu.

The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.

Any ideas would be helpful.

73

G0DFC

[Non-text portions of this message have been removed]

1130. Re: [FT-707] Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-05 19:28:26 UTC
From: Ernie Gray
Topic: 1128 Message: 1130

Yes, I have seen this. The VFO control is not set correctly. Check the FIX pushbutton

73's

Ernie Gray
W1MRQ
PO Box 548
Weare, NH, 03281
603-770-7408

From: g0dfc <g0dfc@...m>
To: FT-707@yahoogroups.com
Sent: Tuesday, June 5, 2012 1:54 PM
Subject: [FT-707] Display freezes on 91Mhz

Hi all,

Just required a faulty ft-707 with matching fp-707 and fc-707 atu.

The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.

Any ideas would be helpful.

73
G0DFC

[Non-text portions of this message have been removed]

1131. Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-05 19:38:48 UTC
From: rodrigo_cesarm
Topic: 1128 Message: 1131

Hi G0DFC

Try to check AVR unit. Q02 (uPC14308 OR LM7808)is dead, no 8v in output..

1132. Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-06 10:18:57 UTC
From: Johannes Geldenhuys
Topic: 1128 Message: 1132

I had a similar problem before, but only on two bands if I remember correctly.

I think I fixed it by a very small adjustment of the trimmer caps on
the AF Unit.

Just worries me that you have it on all bands.

AF Unit can be found on p3-22 and p3-47 of the Service manual.
http://www.ko4bb.com/Manuals/Yaesu/Yaesu_FT-707.pdf

73
Johannes
ZS2JO

1133. Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-06 16:05:55 UTC
From: technudge
Topic: 1128 Message: 1133

I get the same message if I've accidentally pressed the Fix button (I have "ham" hands). Hope that helps.

-O'B.

--- In FT-707@yahoogroups.com, "g0dfc" <g0dfc@...> wrote:
>
> Hi all,
>
> Just required a faulty ft-707 with matching fp-707 and fc-707 atu.
>
> The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.
>
> Any ideas would be helpful.
>
> 73
> G0DFC
>

1134. Re: [FT-707] Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-06 22:27:31 UTC
From: Dan Clark
Topic: 1128 Message: 1134

I have the same problem, When I turn on the unit it stay's on 91Mhz and when I wack the unit with a screwdriver It's fix the problem for awaile but it goes back to 91Mhz in about 10 min's.
Dan

From: technudge <hardedge@...>
To: FT-707@yahoogroups.com
Sent: Wednesday, June 6, 2012 11:05 AM
Subject: [FT-707] Re: Display freezes on 91Mhz

I get the same message if I've accidentally pressed the Fix button (I have "ham" hands). Hope that helps.

-O'B.

--- In FT-707@yahoogroups.com, "g0dfc" <g0dfc@...> wrote:
>
> Hi all,
>
> Just required a faulty ft-707 with matching fp-707 and fc-707 atu.
>
> The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.
>
> Any ideas would be helpful.
>
> 73
> G0DFC
>

[Non-text portions of this message have been removed]

1135. Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-06-11 19:56:31 UTC
From: g0dfc
Topic: 1128 Message: 1135

Well thanks for all your reply's. I can report that its all working now. The fault or faults where, 1 solder connection and tarnished earthing on the vfo board and 1 broken (intermittent)wire from the vfo output where it connects to the multi-plug on the af board.My advice if anybody gets this problem would be to follow the vfo output wire to where it connects on the board and slightly pull on the center wire,this is a solid very thin wire which is likely to break as its bent sharply when the top cover is on.

73
les

--- In FT-707@yahoogroups.com, terry scanlon <tads2008@...> wrote:
>
>
> check theres xtals in side and in the correct places and correctly seated would be my first check
>
> 73,s g7vjh
>
> To: FT-707@yahoogroups.com
> From: g0dfc@...
> Date: Tue, 5 Jun 2012 17:54:29 +0000
> Subject: [FT-707] Display freezes on 91Mhz
>
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> Hi all,
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>
> Just required a faulty ft-707 with matching fp-707 and fc-707 atu.
>
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>
> The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.
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> Any ideas would be helpful.
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> 73
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> G0DFC
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> [Non-text portions of this message have been removed]
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1136. Now Selling FT-707 AKA FT-767 Time to move on for more modern

Yahoo group: FT-707
Date: 2012-06-21 16:45:48 UTC
From: Jay Knight
Topic: 1136 Message: 1136

Hiya all, i've decided to now sell my FT-767DX as I need top band and a rig with SWR Meter inbuilt. This radio has served me well and comes with origional box, schematics. It is a UK sale so preferred to sell to UK Buyer as heavy to post out of the UK but may consider Europe.

Only issue is the drifting band on 10A but it does settle down. Not got the time to go through with the cleaner.

Have worked the world with this radio and an excellent 100w that I cant turn down properly so I go outside my licence conditions when on air.

Would swap for Icom IC746 or similar with built in ATU. Not too bothered about cosmetics as long as works and is faithful.

Recently sold the matching ATU but the radio still available. Make me an offer and not a silly one for such a good radio.

73 De Jay M6JPK
Email address on QRZ.com

1137. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-06-26 20:13:38 UTC
From: Honey Green
Topic: 1067 Message: 1137

Yahoo 707 group
 I am not able to receive on any channels.I have set up as described in manual,no buttons pushed,id get i hi pitched sound on some channels a when i am dialing through 20,15 and 40 meter.Making me crazy.
   Lynn

Excessive quotes removed, Jim, your moderator.

1138. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-06-27 01:30:47 UTC
From: Thomas Carpenter
Topic: 1067 Message: 1138

Start with turning your vox and anti trip down,see if that helps are you in the USB LSB OR CW?AM mode?

-----Original Message-----
From: Honey Green <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Tue, Jun 26, 2012 5:06 pm
Subject: Re: [FT-707] Setting up radio

Yahoo 707 group
I am not able to receive on any channels.I have set up as described in manual,no buttons pushed,id get i hi pitched sound on some channels a when i am dialing through 20,15 and 40 meter.Making me crazy.
Lynn

Excessive quotes removed, Jim, your moderator.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1139. Re: [FT-707] Setting up radio

Yahoo group: FT-707
Date: 2012-06-26 23:29:49 UTC
From: cvest@cox.net
Topic: 1067 Message: 1139

The more information that you can provide , the better chance that we have of helping you .

What do you have for test equipment ?

Have you checked your power supply voltage with the radio turned on , and if you have a scope is it clean DC ?

Also does the radio have any transmit power output on any band ?

Where are you located ? Perhaps there are some experienced hams in your area that can help you troubleshoot it too .

73 , Charlie , W5COV

---- Honey Green <honeygreen3@...> wrote:
> Yahoo 707 group
> I am not able to receive on any channels.I have set up as described in manual,no buttons pushed,id get i hi pitched sound on some channels a when i am dialing through 20,15 and 40 meter.Making me crazy.
>   Lynn
>
>
> Excessive quotes removed, Jim, your moderator.

1140. Re: Now Selling FT-707 AKA FT-767 Time to move on for more modern

Yahoo group: FT-707
Date: 2012-06-27 14:09:40 UTC
From: Jay Knight
Topic: 1136 Message: 1140

Anyone?

--- In FT-707@yahoogroups.com, "Jay Knight" <jayknight71@...> wrote:
>
> Hiya all, i've decided to now sell my FT-767DX as I need top band and a rig with SWR Meter inbuilt. This radio has served me well and comes with origional box, schematics. It is a UK sale so preferred to sell to UK Buyer as heavy to post out of the UK but may consider Europe.
>
> Only issue is the drifting band on 10A but it does settle down. Not got the time to go through with the cleaner.
>
> Have worked the world with this radio and an excellent 100w that I cant turn down properly so I go outside my licence conditions when on air.
>
> Would swap for Icom IC746 or similar with built in ATU. Not too bothered about cosmetics as long as works and is faithful.
>
> Recently sold the matching ATU but the radio still available. Make me an offer and not a silly one for such a good radio.
>
> 73 De Jay M6JPK
> Email address on QRZ.com
>

1141. Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-27 14:14:21 UTC
From: Jay Knight
Topic: 1141 Message: 1141

Hiya All, i've been trawling Google for an interface to connect the line out and in plus PTT to my computer so that I can use my 707 on digital modes.

There is an interface available but costs £25 and i'm sure someone on this forum has the neccesary info.

I do need a schematic drawing and pics would be great aswell as part list. I know there is a post on here explaining it but includes using an attenuator and i'm not sure what that entails? Is it just connecting a resistor accross the terminals of the plugs I use?

Please help as I want to do some PSK31 and am missing it.

Also any way of connecting up to Ham Radio Delux or other control / logging program?

Many thanks

Jay M6JPK

1142. FTV-707 disassembly

Yahoo group: FT-707
Date: 2012-06-27 15:08:33 UTC
From: technudge
Topic: 1142 Message: 1142

Th Shift switch on my FTV-707 was damaged in shipment. Faceplate is cracked and the switch recessed slightly and stuck on the left-most position. Looks like I'll need to disassemble the entire unit to get to it. The top panel is easy. The bottom panel looks a bit more complex (lotta screws!).

Anyone know if the the bottom panel is integral to the frame and if I should be watching for anything to fall out when I start unscrewing? Thanks!

-O'B.

1143. Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-28 05:51:06 UTC
From: Johannes Geldenhuys
Topic: 1141 Message: 1143

I have used the attached interface with my FT-707 in the past.

The radio's mike gain was turned way down to control the power output.

73
Johannes ZS2JO

[Non-text portions of this message have been removed]

1144. Re: [FT-707] Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-28 12:27:00 UTC
From: Brian Green
Topic: 1141 Message: 1144

Seconded. It was a little pricey, but the construction on it was great, and it did exactly what I needed it to do.

On Thu, Jun 28, 2012 at 12:51 AM, Johannes Geldenhuys <
jjgeldenhuys@...> wrote:

> I have used the attached interface with my FT-707 in the past.
>
> The radio's mike gain was turned way down to control the power output.
>
> 73
> Johannes ZS2JO
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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>
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>

[Non-text portions of this message have been removed]

1145. Re: [FT-707] Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-28 12:37:47 UTC
From: Thomas Carpenter
Topic: 1141 Message: 1145

Seems you attachment evaporated. At one time I had a Kantronics "The Interface" hooked up to mine. CW and RTTY that was connected to a Vic -20. Still have it, but have not used it in decades.

Tom Kb3hg

-----Original Message-----
From: Johannes Geldenhuys <jjgeldenhuys@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Jun 28, 2012 7:01 am
Subject: [FT-707] Re: Computer Connection for PSK ^ Rig Control

I have used the attached interface with my FT-707 in the past.

The radio's mike gain was turned way down to control the power output.

73
Johannes ZS2JO

[Non-text portions of this message have been removed]

1146. Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-30 16:18:46 UTC
From: Jay Knight M6JPK
Topic: 1141 Message: 1146

Still is there anyone who can help me with a simple drawing or scematic to get my radio onto data modes?

Obviously if I put Mic in front and into the Mic socket I can recieve the waterfalls on Digipan but I need to know how to send my signal from the PC to the Radio. Do I use one of the Pins on the AC Socket? And how do I control the PTT apart from keying manually everytime I want to tX my reply or call CQ?

Please Please someone help me here who knows this radio. I'm getting desperate. BTW the radio is still forsale if someone wants a good example of this great ols school radio. See what ive worked recently on 15watts at my QRZ.com page through a tuned homebre dipole at 32ft.

73 DE Jay M6JPK

--- In FT-707@yahoogroups.com, "Jay Knight" <jayknight71@...> wrote:
>
> Hiya All, i've been trawling Google for an interface to connect the line out and in plus PTT to my computer so that I can use my 707 on digital modes.
>
> There is an interface available but costs £25 and i'm sure someone on this forum has the neccesary info.
>
> I do need a schematic drawing and pics would be great aswell as part list. I know there is a post on here explaining it but includes using an attenuator and i'm not sure what that entails? Is it just connecting a resistor accross the terminals of the plugs I use?
>
> Please help as I want to do some PSK31 and am missing it.
>
> Also any way of connecting up to Ham Radio Delux or other control / logging program?
>
> Many thanks
>
> Jay M6JPK
>

1147. RE: [FT-707] Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-30 21:52:49 UTC
From: Dave
Topic: 1141 Message: 1147

For best results you need some isolation but I have used my FT707 on WSPR with just a couple of leads and a couple of resistors.

I took the audio out from the back of the FT707 , labeled "Audio Out" so you typically need a phono to 3.5mm jack. I took the audio out to the Mike Socket. It needs an attenuator. Typically 4.7K resistor should be wired between the mic input pin (pin7) and ground(Pin9). A 100K resistor should be wired between the mic input pin and the center of the screened cable from the PC.

For some protocols you can use the VOX on the rig. For others you may need an interface circuit to pull the PTT down but this depends on the program being used...

Dave Wade G4UGM
Illegitimi Non Carborundum

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of Jay Knight M6JPK
> Sent: 30 June 2012 17:19
> To: FT-707@...m
> Subject: [FT-707] Re: Computer Connection for PSK ^ Rig Control
>
>
> Still is there anyone who can help me with a simple drawing
> or scematic to get my radio onto data modes?
>
> Obviously if I put Mic in front and into the Mic socket I can
> recieve the waterfalls on Digipan but I need to know how to
> send my signal from the PC to the Radio. Do I use one of the
> Pins on the AC Socket? And how do I control the PTT apart
> from keying manually everytime I want to tX my reply or call CQ?
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> ive worked recently on 15watts at my QRZ.com page through a
> tuned homebre dipole at 32ft.
>
> 73 DE Jay M6JPK
>
> --- In FT-707@yahoogroups.com, "Jay Knight" <jayknight71@...> wrote:
> >
> > Hiya All, i've been trawling Google for an interface to connect the
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> >
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> someone on
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> > I do need a schematic drawing and pics would be great
> aswell as part
> > list. I know there is a post on here explaining it but
> includes using
> > an attenuator and i'm not sure what that entails? Is it just
> > connecting a resistor accross the terminals of the plugs I use?
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> > Please help as I want to do some PSK31 and am missing it.
> >
> > Also any way of connecting up to Ham Radio Delux or other control /
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> >
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> ---
>
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1148. Re: [FT-707] Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-06-30 22:21:24 UTC
From: Curt Nixon
Topic: 1141 Message: 1148

Hi Jay:

It is pretty straight forward to do the interfacing. THere are many web references but here is one of the easiest. It is really all you need.

On the 707, the audio out from the PC goes IN to the pin 7 acc connector OR right into the mic connector on the front panel

The audio into the PC FROM the radio can come from the AF OUT connector on the rear panel--thus bypassing the volume control. You could also take the audio from the phones connector but then the level changes every time you adjust the volume.

Finally, the hardest thing of all to deal with is now the PTT from the PC. If you have a real RS232 serial port, you can find many circuits online that can use the RTS/DTR line in the serial port to control an opto-isolator which switches the PTT line in the rig...it can all be a bit dodgy depending on the PTT, the serial-port etc. SO....the simplest thing is to make the two audio connections and then simply turn on the VOX so the audio from the PC will key the rig that way and forget the PTT hard keying.

The link describes all this.

Let me know if this is ok or you are still stuck.

Digipan is fine program--so is FlDigi...for simple programs.

See:

http://www.qsl.net/n3is/psk31.html

Curt
KU8L
EN82

On 6/30/2012 12:18 PM, Jay Knight M6JPK wrote:
>
> Still is there anyone who can help me with a simple drawing or
> scematic to get my radio onto data modes?
>
> Obviously if I put Mic in front and into the Mic socket I can recieve
> the waterfalls on Digipan but I need to know how to send my signal
> from the PC to the Radio. Do I use one of the Pins on the AC Socket?
> And how do I control the PTT apart from keying manually everytime I
> want to tX my reply or call CQ?
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> Please Please someone help me here who knows this radio. I'm getting

> desperate. BTW the radio is still forsale if someone wants a good
> example of this great ols school radio. See what ive worked recently
> on 15watts at my QRZ.com page through a tuned homebre dipole at 32ft.
>
> 73 DE Jay M6JPK
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>, "Jay
> Knight" <jayknight71@...> wrote:
> >
> > Hiya All, i've been trawling Google for an interface to connect the
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> > There is an interface available but costs £25 and i'm sure someone
> on this forum has the neccesary info.
> >
> > I do need a schematic drawing and pics would be great aswell as part
> list. I know there is a post on here explaining it but includes using
> an attenuator and i'm not sure what that entails? Is it just
> connecting a resistor accross the terminals of the plugs I use?
> >
> > Please help as I want to do some PSK31 and am missing it.
> >
> > Also any way of connecting up to Ham Radio Delux or other control /
> logging program?
> >
> > Many thanks
> >
> > Jay M6JPK
> >
>
>

[Non-text portions of this message have been removed]

1149. Re: [FT-707] Re: Computer Connection for PSK ^ Rig Control

Yahoo group: FT-707
Date: 2012-07-03 07:09:23 UTC
From: Johannes Geldenhuys
Topic: 1141 Message: 1149

Since my attachement didn't get through, here it is on photobucket.

It is the same as many of the schematics you will find on the net.

http://i1193.photobucket.com/albums/aa358/ZS2JO/Amateur%20Radio/DigitalSoundCardInterface.jpg

See the service manual for all the connections to J3. Some of the
replies already mentioned that you can connect the mike/ptt from the
front or from the ACC plug at the back.

73
Johannes ZS2JO

1150. Paint?

Yahoo group: FT-707
Date: 2012-07-13 21:08:28 UTC
From: technudge
Topic: 1150 Message: 1150

Has anyone established what the correct paint color/supplier is for the 707? Just got a FTV-707 that's been painted FT-101 color and have an FC-700 that's just way too dark (almost FTdx-560 shade). Thanks!

1151. Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-07-25 05:54:53 UTC
From: kb7js
Topic: 1128 Message: 1151

Hello. Not sure if you received a response to your question, but I do have some experience with the FT-707, and this is probably the second most common failure indication for this rig. When your display is locked at 91mhz, then you are missing either the 5.0 to 5.5 mhz VFO signal, or the Band Local Oscillator input to the mixer. The Band LO is selected by 8volts from the band switch to one of the band select lines on the AF board at connector JJ6. Common areas to look for this problem are;
1. The 8volt regulator, mounted to the chassis just behind the front panel.
2. The 8v supply to the band switch, which comes from a short jumper from pad 5 on the pushbutton switch board. This very short wire is often broken when attempts are made to access the back of the front panel.
3. Dirty connetions are a common problem. Use some contact cleaner/lube (e.g. DeOxit) on each removable connector on the IF, RF and AF boards.
4. The Fix pushbutton switch is engaged. This button selects a fixed crystal, one for each band, instead of the Band LO's. No crystals, no LO, no frequency.

If you have a meter or scope, you can rapidly diagnose this problem. If you need schematics, please let me know and I can send you copies.

Regards

Dave
KB7JS

--- In FT-707@yahoogroups.com, "g0dfc" <g0dfc@...> wrote:
>
> Hi all,
>
> Just required a faulty ft-707 with matching fp-707 and fc-707 atu.
>
> The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.
>
> Any ideas would be helpful.
>
> 73
> G0DFC
>

1152. Shure 550L help

Yahoo group: FT-707
Date: 2012-07-31 13:10:08 UTC
From: g0dfc
Topic: 1152 Message: 1152

Hi group,

As anybody fitted a shure 550L mic to a ft-707?

Can't seem to get a ssb audio signal!!

73
les

1153. Re: [FT-707] Shure 550L help

Yahoo group: FT-707
Date: 2012-07-31 21:39:30 UTC
From: Thomas Carpenter
Topic: 1152 Message: 1153

http://www.shure.com/idc/groups/tech_pubs/@global_managed/documents/webcontent/us_pro_550l_ug.pdf

YAESUFTONE-FT77-FT102-FT707-FT767-FT767GX-FT980

PIN1 MIC UP

PIN2 + 5 VOLTS

PIN3 DOWN

PIN4 FAST SCAN

PIN5 CAUTION INTERCONNECTED TO PIN 2.(+5 VOLTS)

PIN6 PTT

PIN7 SCREEN/EARTH

PIN8 MIC

-----Original Message-----
From: g0dfc <g0dfc@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Tue, Jul 31, 2012 11:32 am
Subject: [FT-707] Shure 550L help

Hi group,

As anybody fitted a shure 550L mic to a ft-707?

Can't seem to get a ssb audio signal!!

73
les

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1154. Re: Display freezes on 91Mhz

Yahoo group: FT-707
Date: 2012-08-03 00:46:59 UTC
From: Rod
Topic: 1128 Message: 1154

Good evening Guys....

New User...

Just purchased a FT-707 and ran into the same issue as well. Mine is actually a sticky "fix" button. I hit the button about 3 or 4 times real fast and let the radio settle back in and all is well.

Looking forward to learning all I can about this rig. Really impressed with it for it's age and all.

Thanks
Rod

--- In FT-707@yahoogroups.com, Dan Clark <danc37040@...> wrote:
>
> I have the same problem, When I turn on the unit it stay's on 91Mhz and when I wack the unit with a screwdriver It's fix the problem for awaile but it goes back to 91Mhz in about 10 min's.
> Dan
>
>
> _____
> From: technudge <hardedge@...>
> To: FT-707@yahoogroups.com
> Sent: Wednesday, June 6, 2012 11:05 AM
> Subject: [FT-707] Re: Display freezes on 91Mhz
>
>
>
> Â
>
> I get the same message if I've accidentally pressed the Fix button (I have "ham" hands). Hope that helps.
>
> -O'B.
>
> --- In FT-707@yahoogroups.com, "g0dfc" <g0dfc@> wrote:
> >
> > Hi all,
> >
> > Just required a faulty ft-707 with matching fp-707 and fc-707 atu.
> >
> > The radio switches on and there is noise at the speaker. The display reads 91.0190Mhz. When i change bands the relay clicks but the display stays the same. I have no control over it. Twice when cold it worked for about 10mins with rf output.

> >
> > Any ideas would be helpful.
> >
> > 73
> > G0DFC
> >
>
>
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>
> [Non-text portions of this message have been removed]
>

1155. Re: Shure 550L help

Yahoo group: FT-707
Date: 2012-08-03 01:30:01 UTC
From: Rod
Topic: 1152 Message: 1155

New user but I can help...

Just re-wired a 444T to mine...

Okay...

Pins 6, 7, & 8 are the only pins you'll need. You also might need to re-wire the mic as well. The ground goes to the common on the mic switch. This wire shorts to the PTT and mic to activate... The other side of the PTT and the mic go back to the radio.

If you need more help, email me direct and I'll make you up a drawing that will help further.

Rod
KD8JRF
chevy4x41967@sbcglobal.net

--- In FT-707@yahoogroups.com, Thomas Carpenter <Kb3hg@...> wrote:
>
> http://www.shure.com/idc/groups/tech_pubs/@global_managed/documents/webcontent/us_pro_550l_ug.pdf
>
>
> YAESUFTONE-FT77-FT102-FT707-FT767-FT767GX-FT980
>
>
> PIN1 MIC UP
>
> PIN2 + 5 VOLTS
>
> PIN3 DOWN
>
> PIN4 FAST SCAN
>
> PIN5 CAUTION INTERCONNECTED TO PIN 2.(+5 VOLTS)
>
> PIN6 PTT
>
> PIN7 SCREEN/EARTH
>
> PIN8 MIC
>
>
>
>
>

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>
> -----Original Message-----
> From: g0dfc <g0dfc@...>
> To: FT-707 <FT-707@yahoogroups.com>
> Sent: Tue, Jul 31, 2012 11:32 am
> Subject: [FT-707] Shure 550L help
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>
> Hi group,
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> As anybody fitted a shure 550L mic to a ft-707?
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> [Non-text portions of this message have been removed]
>

1156. frq

Yahoo group: FT-707
Date: 2012-08-10 18:55:32 UTC
From: Rickybe bennett
Topic: 1156 Message: 1156

frequency counter reeds 21.000 on all bands but the radio works good is there a fix for this?

[Non-text portions of this message have been removed]

1157. Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2012-08-19 00:09:20 UTC
From: sv9dru
Topic: 1157 Message: 1157

Recently I purchased an FT-707 with a minor issue of its RF gain-S-meter which was traced to a shorted tandalum cap (controlling the AGC action) and solved.
In addition, the finals appeared dead (only about 1w of max output) with intact RF chain up to the drivers as checked with my O-scope and correct PA voltages per the service manual. Additionally the rig did not appear to be modified in any way which would explain the final failure. But I did identify 2 weak points of the PA module construction either of which could have contributed to this issue.

A) There are separate connectors used to transfer the RF input to the PA module (from the RF board) and its output to the LPF. In my rig the output female connectors were found to be rather loose, pulled with ease from their male counterparts. This may have beed the result of thermal expansion during years of TX action, which in turn could have resulted in intermittent contact and deterioration of the SWR seen at the output of the PA BEFORE it could be detected at the LPF module. Thus the transistors could have been destroyed by a temporary overload.

A similar problem with the input connector could potentially explain damage to the predriver transistor at the RF board, which is a problem reported from other users.

Solution: I cut both the female input and output terminals and had the cables directly soldered to their respective posts.

B) The thermistor sensing the temp of one of the final transistors has long leads which are held in place with some glue with a gummy composition which bridges the RF trace with the nearby ground one, at the side of the output "binocular" ferrite.

These glues are known to become more conductive with time, as shown in the Kenwood PLL unlock problems with some models from the 80s. Thus if a similar issue appears at the FT-707 PA, it can become a "time Bomb" for the final transistors with a mechanism similar to the (A) above.

Solution: All the glue was removed using a small jeweler's screwdriver, followed by pure gasoline cleaning of the PCB. A small quantity of clear silicone was then used to fix the thermistor leads to the ferrite side without touching the PCB traces (even though theoretically it should have been ok if it did)

The finals were substituted with a new matched pair of 2sc2290's (NOT an easy task) with fantastic results. Now I have 120W in all bands except 80M where I get something close to 150W after the 0.5 Ohm resistor was installed in series with the driver Bias diodes as described in the service manual (low Hfe correction).

The fan motor works fine when tried with an external 12V supply but it has not come on during normal TX even when the heat sink is moderately warm, I guess that is normal but since the manual does not specify the "unacceptable" value of heat which is supposed to activate it, I would appreciate it if someone has actually measured the heat sink fan activation temp.

Even though I do not have proof of blaming the above factors for the PA failure in my rig, I think it may be a good idea for someone to perform these 2 "mods" just to be on the safe side regarding this issue.

73,

Marinos, sv9dru / ki4gin

1158. Re: [FT-707] Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2012-08-19 07:51:25 UTC
From: Eric Grabowski
Topic: 1157 Message: 1158

This may have been mentioned before, sorry I haven't been following this thread, but there are two or three dipped tantalum caps on the PA board that are prone to fail. When mine blew, there was a lot of smoke and very bad smell. I replaced mine with higher working voltage units (35 volts) and, if I recall correctly, the factory caps were rated at 16 volts which is kind of marginal, since they are sitting on the +12 volt rail.

Since gaining access to the PA board is not trivial, I would recommend a visual inspection of these caps. If you see any tiny cracks in the coating, the caps are on their last legs and need to be replaced. On the other hand, simply replacing these caps while you're in there may be a good idea.

73 and aloha, Eric KH6CQ

--- On Sat, 8/18/12, sv9dru <sv9dru@...> wrote:

From: sv9dru <sv9dru@...>
Subject: [FT-707] Protect your PA finals 2 preventive tips
To: FT-707@yahoogroups.com
Date: Saturday, August 18, 2012, 2:09 PM

Recently I purchased an FT-707 with a minor issue of its RF gain-S-meter which was traced to a shorted tandalum cap (controlling the AGC action) and solved.

In addition, the finals appeared dead (only about 1w of max output) with intact RF chain up to the drivers as checked with my O-scope and correct PA voltages per the service manual.

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Solution: I cut both the female input and output terminals and had the cables directly soldered to their respective posts.

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Even though I do not have proof of blaming the above factors for the PA failure in my rig, I think it may be a good idea for someone to perform these 2 "mods" just to be on the safe side regarding this issue.

73,

Marinos, sv9dru / ki4gin

[Non-text portions of this message have been removed]

1159. RE: [FT-707] Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2012-08-19 13:45:41 UTC
From: Marinos Markomanolakis M.D.
Topic: 1157 Message: 1159

Hi Eric,There were about 7 tantalum caps in the PA of my unit, none "looked" bad but neither did the AGC cap which was shorted.... In any case, I was tempted to replace them all but finally succumpted to the principle of if it is not broken do not fix it, and left them.Maybe one of these days I will get back there and do the swap, just to be on the safe side.Any reason why these caps need to be tantalum instead of plain electrolytics? I have some high (35V) temp (105deg) electrolytics available small enough to fit in there.
73,Marinos
> To: FT-707@yahoogroups.com
> From: ejgrabowski@...
> Date: Sun, 19 Aug 2012 00:51:25 -0700
> Subject: Re: [FT-707] Protect your PA finals 2 preventive tips
>
> This may have been mentioned before, sorry I haven't been following this thread, but there are two or three dipped tantalum caps on the PA board that are prone to fail. When mine blew, there was a lot of smoke and very bad smell. I replaced mine with higher working voltage units (35 volts) and, if I recall correctly, the factory caps were rated at 16 volts which is kind of marginal, since they are sitting on the +12 volt rail.
>
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>
> 73 and aloha, Eric KH6CQ
>
> --- On Sat, 8/18/12, sv9dru <sv9dru@...> wrote:
>
> From: sv9dru <sv9dru@...>
> Subject: [FT-707] Protect your PA finals 2 preventive tips
> To: FT-707@yahoogroups.com
> Date: Saturday, August 18, 2012, 2:09 PM
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>
> In addition, the finals appeared dead (only about 1w of max output) with intact RF chain up to the drivers as checked with my O-scope and correct PA voltages per the service manual.
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>
>
>
> A) There are separate connectors used to transfer the RF input to the PA module (from the RF board) and its output to the LPF. In my rig the output female connectors were found to be rather loose, pulled with ease from their male counterparts. This may have beed the result of thermal expansion during years of TX action, which in turn could have resulted in intermittent contact and deterioration of the SWR seen at the output of the PA BEFORE it could be detected at the LPF module. Thus the transistors could have been destroyed by a temporary overload.
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>
> A similar problem with the input connector could potentially explain damage to the predriver transistor at the RF board, which is a problem reported from other users.
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>
> Solution: I cut both the female input and output terminals and had the cables directly soldered to their respective posts.
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>
> B) The thermistor sensing the temp of one of the final transistors has long leads which are held in place with some glue with a gummy composition which bridges the RF trace with the nearby ground one, at the side of the output "binocular" ferrite.
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>
> These glues are known to become more conductive with time, as shown in the Kenwood PLL unlock problems with some models from the 80s. Thus if a similar issue appears at the FT-707 PA, it can become a "time Bomb" for the final transistors with a mechanism similar to the (A) above.
>
>
>

> Solution: All the glue was removed using a small jeweler's screwdriver, followed by pure gasoline cleaning of the PCB. A small quantity of clear silicone was then used to fix the thermistor leads to the ferrite side without touching the PCB traces (even though theoretically it should have been ok if it did)
>
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>
> The finals were substituted with a new matched pair of 2sc2290's (NOT an easy task) with fantastic results. Now I have 120W in all bands except 80M where I get something close to 150W after the 0.5 Ohm resistor was installed in series with the driver Bias diodes as described in the service manual (low Hfe correction).
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>
> The fan motor works fine when tried with an external 12V supply but it has not come on during normal TX even when the heat sink is moderately warm, I guess that is normal but since the manual does not specify the "unacceptable" value of heat which is supposed to activate it, I would appreciate it if someone has actually measured the heat sink fan activation temp.
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>
> Even though I do not have proof of blaming the above factors for the PA failure in my rig, I think it may be a good idea for someone to perform these 2 "mods" just to be on the safe side regarding this issue.
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> 73,
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> Marinos, sv9dru / ki4gin
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1160. RE: [FT-707] Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2012-08-20 02:11:53 UTC
From: Eric Grabowski
Topic: 1157 Message: 1160

Hi Marinos,

I don't think there is any reason that they have to be tantalums. Electrolytics should work just fine.

The advantage of using tantalums is that they have a lower Equivalent Series Resistance (ESR) which makes them more attractive for power line bypassing applications.

When the caps in my radio blew, two of them had the sides blown out and one totally disintegrated leaving only the wire leads.

By the way, I too believe "if it ain't broke, don't fix it."

73 and aloha, Eric KH6CQ

--- On Sun, 8/19/12, Marinos Markomanolakis M.D. <sv9dru@...> wrote:

From: Marinos Markomanolakis M.D. <sv9dru@...>
Subject: RE: [FT-707] Protect your PA finals 2 preventive tips
To: ft-707@yahoogroups.com
Date: Sunday, August 19, 2012, 3:45 AM

Hi Eric,There were about 7 tantalum caps in the PA of my unit, none "looked" bad but neither did the AGC cap which was shorted.... In any case, I was tempted to replace them all but finally succumpted to the principle of if it is not broken do not fix it, and left them.Maybe one of these days I will get back there and do the swap, just to be on the safe side.Any reason why these caps need to be tantalum instead of plain electrolytics? I have some high (35V) temp (105deg) electrolytics available small enough to fit in there.
73,Marinos

> To: FT-707@yahoogroups.com

> From: ejgrabowski@...

> Date: Sun, 19 Aug 2012 00:51:25 -0700

> Subject: Re: [FT-707] Protect your PA finals 2 preventive tips

>

> This may have been mentioned before, sorry I haven't been following this thread, but there are two or three dipped tantalum caps on the PA board that are prone to fail. When mine blew, there was a lot of smoke and very bad smell. I replaced mine with higher working voltage units (35 volts) and, if I recall correctly, the factory caps were rated at 16 volts which is kind of marginal, since they are sitting on the +12 volt rail.

>

> Since gaining access to the PA board is not trivial, I would recommend a visual inspection of these caps. If you see any tiny cracks in the coating, the caps are on their last legs and need to be replaced. On the other hand, simply replacing these caps while you're in there may be a good idea.

>

> 73 and aloha, Eric KH6CQ

>

> --- On Sat, 8/18/12, sv9dru <sv9dru@...> wrote:

>

> From: sv9dru <sv9dru@...>

> Subject: [FT-707] Protect your PA finals 2 preventive tips

> To: FT-707@yahoogroups.com

> Date: Saturday, August 18, 2012, 2:09 PM

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> Recently I purchased an FT-707 with a minor issue of its RF gain-S-meter which was traced to a shorted tandalum cap (controlling the AGC action) and solved.

>

> In addition, the finals appeared dead (only about 1w of max output) with intact RF chain up to the drivers as checked with my O-scope and correct PA voltages per the service manual.

>

> Additionally the rig did not appear to be modified in any way which would explain the final failure. But I did identify 2 weak points of the PA module construction either of which could have contributed to this issue.

>

>

>

> A) There are separate connectors used to transfer the RF input to the PA module (from the RF board) and its output to the LPF. In my rig the output female connectors were found to be rather loose, pulled with ease from their male counterparts. This may have beed the result of thermal expansion during years of TX action, which in turn could have resulted in intermittent contact and deterioration of the SWR seen at the output of the PA BEFORE it could be detected at the LPF module. Thus the transistors could have been destroyed by a temporary overload.

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> A similar problem with the input connector could potentially explain damage to the predriver transistor at the RF board, which is a problem reported from other users.

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> Solution: I cut both the female input and output terminals and had the cables directly soldered to their respective posts.

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> B) The thermistor sensing the temp of one of the final transistors has long leads which are held in place with some glue with a gummy composition which bridges the RF trace with the nearby ground one, at the side of the output "binocular" ferrite.

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> These glues are known to become more conductive with time, as shown in the Kenwood PLL unlock problems with some models from the 80s. Thus if a similar issue appears at the FT-707 PA, it can become a "time Bomb" for the final transistors with a mechanism similar to the (A) above.

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>

>

> Solution: All the glue was removed using a small jeweler's screwdriver, followed by pure gasoline cleaning of the PCB. A small quantity of clear silicone was then used to fix the thermistor leads to the ferrite side without touching the PCB traces (even though theoretically it should have been ok if it did)

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> The finals were substituted with a new matched pair of 2sc2290's (NOT an easy task) with fantastic results. Now I have 120W in all bands except 80M where I get something close to 150W after the 0.5 Ohm resistor was installed in series with the driver Bias diodes as described in the service manual (low Hfe correction).

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> The fan motor works fine when tried with an external 12V supply but it has not come on during normal TX even when the heat sink is moderately warm, I guess that is normal but since the manual does not specify the "unacceptable" value of heat which is supposed to activate it, I would appreciate it if someone has actually measured the heat sink fan activation temp.

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> Even though I do not have proof of blaming the above factors for the PA failure in my rig, I think it may be a good idea for someone to perform these 2 "mods" just to be on the safe side regarding this issue.

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> 73,

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> Marinos, sv9dru / ki4gin

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> Yaesu-Musen Radios: Quality all around!

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> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

1161. Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 13:59:12 UTC
From: sv9dru
Topic: 1161 Message: 1161

Hi Guys,
This is a maybe silly question, but since I got the idea, I would like the opinion of the group:
Would it be possible to substitute the 8,9M20 ist IF filter with an XF8.9GA one ?
Both are on exactly the same center frequency of 8.9975Khz with the latter one being 6Khz in bandwidth instead of the 20Khz of the original.
Size seems to be similar, so the 8,9GA may be an exact match (I do not have the rig or the filter close-by to check, but I have both available).
Anyone has ever thought or tried this mod? It should make a "killer" RX out of the FT-707 which is extremely good as it is !

Any comments are invited and appreciated.

73,
Marinos, sv9dru

1162. Re: [FT-707] Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 14:19:27 UTC
From: Curt Nixon
Topic: 1161 Message: 1162

Hello Marinos:

Sounds like it might be worthwhile. THe only issue might be input and output impedances. If the circuits around the new filter in its normal install look similar, it would be worth just putting it in and trying it..

THese filters often have matching transformers built in so unless you know the spec or can characterize both on the bench, you wont know for sure.

Curt
KU8L

On 8/30/2012 9:59 AM, sv9dru wrote:
>
> Hi Guys,
> This is a maybe silly question, but since I got the idea, I would like
> the opinion of the group:
> Would it be possible to substitute the 8,9M20 ist IF filter with an
> XF8.9GA one ?
> Both are on exactly the same center frequency of 8.9975Khz with the
> latter one being 6Khz in bandwidth instead of the 20Khz of the original.
> Size seems to be similar, so the 8,9GA may be an exact match (I do not
> have the rig or the filter close-by to check, but I have both available).
> Anyone has ever thought or tried this mod? It should make a "killer"
> RX out of the FT-707 which is extremely good as it is !
>
> Any comments are invited and appreciated.
>
> 73,
> Marinos, sv9dru
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>

[Non-text portions of this message have been removed]

1163. Re: [FT-707] Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 14:22:16 UTC
From: Thomas Carpenter
Topic: 1161 Message: 1163

Marinos,
You have a good idea there. Do you know where to get the specs on the filter? I / O impedance for both filters.. The tight filter will it induce ringing?The tight skirts should work well.
Tom Kb3hg

-----Original Message-----
From: sv9dru <sv9dru@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Aug 30, 2012 10:08 am
Subject: [FT-707] Roofing filter question

Hi Guys,
This is a maybe silly question, but since I got the idea, I would like the opinion of the group:
Would it be possible to substitute the 8,9M20 ist IF filter with an XF8.9GA one ?
Both are on exactly the same center frequency of 8.9975Khz with the latter one being 6Khz in bandwidth instead of the 20Khz of the original.
Size seems to be similar, so the 8,9GA may be an exact match (I do not have the rig or the filter close-by to check, but I have both available).
Anyone has ever thought or tried this mod? It should make a "killer" RX out of the FT-707 which is extremely good as it is !

Any comments are invited and appreciated.

73,
Marinos, sv9dru

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1164. RE: [FT-707] Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 15:21:45 UTC
From: Marinos Markomanolakis M.D.
Topic: 1161 Message: 1164

Well, unfortunately I do not have the theoretical specs for the filters nor did I find anything of that nature in a short internet search.
I guess, if the filters are indeed physically exchangeable, the only good way to know what happens is to actually do the swap. Besides, I do not really think there would be any problem from trying that. Worst case scenario, it will not work and the first lucky experimenter would have to put the original filter back in its place again....
Next week I will be at my SV QTH, for a few days before flying to the UAE (I am currently in Canada) so most likely would not have the luxury of time to actually do it myself, but would be very interested to hear any comments from someone able to go ahead with the experiment (before me..)

I still have to troubleshoot my ft-707's fan controller, which seems to not activate it even though the motor is fine, and a small RX-TX frequency discrepancy (with the clarifier off) which I think is due to dirty contacts of the clarifier switch. So the filter mod will have to wait for now.

cheers,
Marinos.

1165. Re: [FT-707] Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 15:51:58 UTC
From: Thomas Carpenter
Topic: 1161 Message: 1165

Marinos,
I remember there is an alignment for the rx /tx and the fan circuit is not real involved, but my rigs get pretty warm before the fans come on. I need to find out who makes the filter you suggest .
73,
Tom Kb3hg

-----Original Message-----
From: Marinos Markomanolakis M.D. <sv9dru@...>
To: FT-707@yahoogroups.com <ft-707@yahoogroups.com>
Sent: Thu, Aug 30, 2012 11:43 am
Subject: RE: [FT-707] Roofing filter question

Well, unfortunately I do not have the theoretical specs for the filters nor did I find anything of that nature in a short internet search.
I guess, if the filters are indeed physically exchangeable, the only good way to know what happens is to actually do the swap. Besides, I do not really think there would be any problem from trying that. Worst case scenario, it will not work and the first lucky experimenter would have to put the original filter back in its place again....
Next week I will be at my SV QTH, for a few days before flying to the UAE (I am currently in Canada) so most likely would not have the luxury of time to actually do it myself, but would be very interested to hear any comments from someone able to go ahead with the experiment (before me..)

I still have to troubleshoot my ft-707's fan controller, which seems to not activate it even though the motor is fine, and a small RX-TX frequency discrepancy (with the clarifier off) which I think is due to dirty contacts of the clarifier switch. So the filter mod will have to wait for now.

cheers,
Marinos.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1166. Re: Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 18:16:37 UTC
From: g4ugm
Topic: 1161 Message: 1166

--- In FT-707@yahoogroups.com, "sv9dru" <sv9dru@...> wrote:
>
> Hi Guys,
> This is a maybe silly question, but since I got the idea, I would
> like the opinion of the group:
> Would it be possible to substitute the 8,9M20 ist IF filter with an
> XF8.9GA one ?
> Both are on exactly the same center frequency of 8.9975Khz with the
> latter one being 6Khz in bandwidth instead of the 20Khz of the
> original.

This filter is deliberatley wide and hsa specific delay characteristics so that the noise blanker can pick up out of band noise that would swamp the receiver. However I find the noise blanker to be pretty useless so perhaps no loss.

> Size seems to be similar, so the 8,9GA may be an exact match (I do
> not have the rig or the filter close-by to check, but I have both
> available).

The roofing filter in the 707 is very small, just a 3-pin small crystal case

> Anyone has ever thought or tried this mod? It should make
> a "killer" RX out of the FT-707 which is extremely good as it is !
>
> Any comments are invited and appreciated.
>

I can't actually see that it would make much difference. The existing second IF filter is excellent. You can already narrow the bandwidth down using the variable bandwidth control if needed. If you are having problems with string signals I would expect that is cross modulation in the mixer. If you do try it, it would be interesting to see if it made any measurable difference to the performance.

> 73,
> Marinos, sv9dru
>

Dave
G4UGM

1167. RE: [FT-707] Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 18:23:28 UTC
From: Marinos Markomanolakis M.D.
Topic: 1161 Message: 1167

Hi Tom,
There is an alignment of the RIT control so it will not affect the RX frequency when centered and the clarifier activated vs the RX without the clarifier. My issue though is a discrepancy of the TX vs RX without the RIT activated.
When cycling the RIT on-off and its control is centered, sometimes the frequency shifts slightly,(while still in RX) which I think is due to the switch contacts not working right. I will test this by putting some contact cleaner to the switch and see what happens.
The 8.9GA filter is the optional AM Yaesu filter for the FT-901/902/980 rigs, and I happen to have them installed in both my FT-901 and 902, which are mostly unused in AM due to the rigs being ham band only.... So I will plan removing one of them and installing it in the FT-707 as roofing.
Of course, the same can possibly be done in the FT-901/902 rigs, but they already have excellent preselectors to improve the 20Khz wide 1st IF filter.

73,
Marinos

> To: FT-707@yahoogroups.com
> From: Kb3hg@...
> Date: Thu, 30 Aug 2012 11:51:58 -0400
> Subject: Re: [FT-707] Roofing filter question
>
>
> Marinos,
> I remember there is an alignment for the rx /tx and the fan circuit is not real involved, but my rigs get pretty warm before the fans come on. I need to find out who makes the filter you suggest .
> 73,
> Tom Kb3hg
>
>
>
> -----Original Message-----
> From: Marinos Markomanolakis M.D. <sv9dru@...>
> To: FT-707@yahoogroups.com <ft-707@yahoogroups.com>
> Sent: Thu, Aug 30, 2012 11:43 am
> Subject: RE: [FT-707] Roofing filter question
>
>
> Well, unfortunately I do not have the theoretical specs for the filters nor did
> I find anything of that nature in a short internet search.
> I guess, if the filters are indeed physically exchangeable, the only good way to
> know what happens is to actually do the swap. Besides, I do not really think
> there would be any problem from trying that. Worst case scenario, it will not
> work and the first lucky experimenter would have to put the original filter back

> in its place again....
> Next week I will be at my SV QTH, for a few days before flying to the UAE (I am
> currently in Canada) so most likely would not have the luxury of time to
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> someone able to go ahead with the experiment (before me..)
>
> I still have to troubleshoot my ft-707's fan controller, which seems to not
> activate it even though the motor is fine, and a small RX-TX frequency
> discrepancy (with the clarifier off) which I think is due to dirty contacts of
> the clarifier switch. So the filter mod will have to wait for now.
>
> cheers,
> Marinos.
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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1168. RE: [FT-707] Roofing filter question

Yahoo group: FT-707
Date: 2012-08-30 19:35:15 UTC
From: Marinos Markomanolakis M.D.
Topic: 1161 Message: 1168

Actually, looking into the FT-707 user manual, the 20Khz filter (XF2001 in the description) is not physically similar to the 8.9GA one. So if someone wanted to try the mod, the 8.9GA would have to be "wired in place"...If it worked it could possibly be switched on-off via the FIX switch, but the question of if it works seems to be more difficult undertaking than just plugging it in.

From: sv9dru@...
To: ft-707@yahoogroups.com
Subject: RE: [FT-707] Roofing filter question
Date: Thu, 30 Aug 2012 18:23:28 +0000

Hi Tom,
There is an alignment of the RIT control so it will not affect the RX frequency when centered and the clarifier activated vs the RX without the clarifier. My issue though is a discrepancy of the TX vs RX without the RIT activated.
When cycling the RIT on-off and its control is centered, sometimes the frequency shifts slightly,(while still in RX) which I think is due to the switch contacts not working right. I will test this by putting some contact cleaner to the switch and see what happens.
The 8.9GA filter is the optional AM Yaesu filter for the FT-901/902/980 rigs, and I happen to have them installed in both my FT-901 and 902, which are mostly unused in AM due to the rigs being ham band only.... So I will plan removing one of them and installing it in the FT-707 as roofing.
Of course, the same can possibly be done in the FT-901/902 rigs, but they already have excellent preselectors to improve the 20Khz wide 1st IF filter.

73,
Marinos

> To: FT-707@yahoogroups.com
> From: Kb3hg@...
> Date: Thu, 30 Aug 2012 11:51:58 -0400
> Subject: Re: [FT-707] Roofing filter question
>
>
> Marinos,
> I remember there is an alignment for the rx /tx and the fan circuit is not real involved, but my rigs get pretty warm before the fans come on. I need to find out who makes the filter you suggest .
> 73,
> Tom Kb3hg
>
>
>
> -----Original Message-----
> From: Marinos Markomanolakis M.D. <sv9dru@...>
> To: FT-707@yahoogroups.com <ft-707@yahoogroups.com>

> Sent: Thu, Aug 30, 2012 11:43 am
> Subject: RE: [FT-707] Roofing filter question
>
>
> Well, unfortunately I do not have the theoretical specs for the filters nor did
> I find anything of that nature in a short internet search.
> I guess, if the filters are indeed physically exchangeable, the only good way to
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> discrepancy (with the clarifier off) which I think is due to dirty contacts of
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> cheers,
> Marinos.
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> Yaesu-Musen Radios: Quality all around!
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> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1169. Cooked final mystery solved Thermistor failure

Yahoo group: FT-707
Date: 2012-09-08 16:30:16 UTC
From: sv9dru
Topic: 1169 Message: 1169

An update on the cause for final transistor failure in a FT-707 I recently repaired: After replacing the finals and the rig running normal full output, the fan would not start with what I considered unacceptable temperature to the touch.(~45 Deg C)
The culprit was found to be the PA thermistor which was behaving like a short circuit (while still measuring 1,9K with a multimeter) and putting 7,1V to the comparator instead of 4,9V.

After installing a 2K pot in its place verified the rest of the circuit was running correctly, turning the fan on @600 Ohms and off @1,4K. It was replaced with two small 1K @25Deg C each thermistors in series which seems to keep the finals nice and cool now.
Most likely a 2,2K @25Deg C would also work fine but I did not have one of those at hand.

To summarize, if you have a PA fan not cycling on-off properly or just want to check the condition of the thermistor you may check the voltage at its ends. It should be about 8V in one leg and 4,9V in the other.

1170. Rx-Tx frequency difference

Yahoo group: FT-707
Date: 2012-09-08 19:05:03 UTC
From: sv9dru
Topic: 1170 Message: 1170

Reporting back to the group my findings on the RX-TX frequency discrepancy with the clarifier OFF.

After spraying the CLAR switch with contact cleaner and working it a few times on-off the problem is completely gone!

1171. FT 707 PA UNIT

Yahoo group: FT-707
Date: 2012-10-10 09:12:09 UTC
From: arnaud
Topic: 1171 Message: 1171

Hello i look after a Pa unit if you have one thank's

ARNAUD F4CJY

1172. Re: [FT-707] FT 707 PA UNIT

Yahoo group: FT-707
Date: 2012-10-10 12:05:08 UTC
From: Thomas Carpenter
Topic: 1171 Message: 1172

Arnuad,
What seems to be the problem with your PA?

-----Original Message-----
From: arnaud <arnaudbo@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Wed, Oct 10, 2012 6:27 am
Subject: [FT-707] FT 707 PA UNIT

Hello i look after a Pa unit if you have one thank's

ARNAUD F4CJY

[Non-text portions of this message have been removed]

1173. RE: [FT-707] FT 707 PA UNIT

Yahoo group: FT-707
Date: 2012-10-10 13:15:49 UTC
From: arnaud
Topic: 1171 Message: 1173

Hello and thank you i think a guy want to remove the transistor is compltely destroy
Thank's
ARNAUD F4CJY

1174. Re: [FT-707] FT 707 PA UNIT

Yahoo group: FT-707
Date: 2012-10-10 14:54:31 UTC
From: Thomas Carpenter
Topic: 1171 Message: 1174

Arnaud,
Does he need the transistors? A ZL had an excellent idea for substitution transistors, one was a PTXXXX and possibly MRF-454s with bias adjustments.

Also the final transistors can be purchased on E-Bay for 31-37.00 US if all he needs is the finals.

http://www.ebay.com/itm/NEW-Toshiba-2SC2290-CB-HAm-Power-AmplifierTransi-stor-/140863111464?pt=US_Ham_Radio_Amplifiers&hash=item20cc188128

Tom Kb3hg

-----Original Message-----
From: arnaud <arnaudbo@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Wed, Oct 10, 2012 10:08 am
Subject: RE: [FT-707] FT 707 PA UNIT

Hello and thank you i think a guy want to remove the transistor is compltely destroy
Thank's
ARNAUD F4CJY

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1175. FT 707 New Life

Yahoo group: FT-707
Date: 2012-10-12 19:30:19 UTC
From: arnaud
Topic: 1175 Message: 1175

Hello a new life for the FT 707 Serial :ok 120823 the PA was repaired i'mm really happy and i use it with a SHURE 444 the audio was nice 73 and thank's
ARNAUD F4CJY

1176. Re: [FT-707] FT 707 New Life

Yahoo group: FT-707
Date: 2012-10-13 06:06:33 UTC
From: Thomas Carpenter
Topic: 1175 Message: 1176

ARNAUD,
Good to hear it's working again.
Tom Kb3hg

-----Original Message-----
From: arnaud <arnaudbo@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, Oct 12, 2012 3:35 pm
Subject: [FT-707] FT 707 New Life

Hello a new life for the FT 707 Serial :ok 120823 the PA was repaired i'mm
really happy and i use it with a SHURE 444 the audio was nice 73 and thank's
ARNAUD F4CJY

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1177. Wtd - Replacement Crystals

Yahoo group: FT-707
Date: 2012-11-06 19:32:51 UTC
From: mikewogden
Topic: 1177 Message: 1177

Acquired a 707 at a recent rally. It was sold as have a sticking RX-TX relay that I intend to diagnose and repair. At present there's no transmit. The rig is destined for my father who recently obtained his UK foundation licence.

Unfortunately I've found that it has also been `got at'. The 40, 10a, 10b, 10c and 10d bands have been converted for CB use.
Does any-one have a scrap 707 that they could sell me some replacement crystals. The cost to replace the missing rocks new is almost the price I paid for the rig secondhand.

Can anyone recommend a tamper proof way of throlling back the output to 10W max? I was thinking of a voltage on the external ALC line but someone may have a more elegant idea.

Any help would be greatly appreciated.

Regards

Mike G4KXQ

1178. RE: [FT-707] Wtd - Replacement Crystals

Yahoo group: FT-707
Date: 2012-11-06 23:10:20 UTC
From: Dave
Topic: 1177 Message: 1178

NO TX on 707s is often caused by the link on the 12v power input being missing. Two pins are 12v in, two are linked to enable the TX , not linked when using a transverter, to disable the PA.

Dave Wade G4UGM
Illegitimi Non Carborundum

> -----Original Message-----
> From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> On Behalf Of mikewogden
> Sent: 06 November 2012 19:33
> To: FT-707@yahoogroups.com
> Subject: [FT-707] Wtd - Replacement Crystals
>
>
> Acquired a 707 at a recent rally. It was sold as have a
> sticking RX-TX relay that I intend to diagnose and repair. At
> present there's no transmit. The rig is destined for my
> father who recently obtained his UK foundation licence.
>
> Unfortunately I've found that it has also been `got at'. The
> 40, 10a, 10b, 10c and 10d bands have been converted for CB
> use. Does any-one have a scrap 707 that they could sell me
> some replacement crystals. The cost to replace the missing
> rocks new is almost the price I paid for the rig secondhand.
>
> Can anyone recommend a tamper proof way of throlling back the
> output to 10W max? I was thinking of a voltage on the
> external ALC line but someone may have a more elegant idea.
>
> Any help would be greatly appreciated.
>
> Regards
>
> Mike G4KXQ
>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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>

1179. Has Anyone Accomplished the TX IMD Mod in the Service Manual?

Yahoo group: FT-707
Date: 2012-11-06 23:27:21 UTC
From: Steve
Topic: 1179 Message: 1179

Has anyone accomplished the TX IMD distortion improvement mod? This is the addition of paralleled 1-ohm resistors soldered to vertical posts between the final amp transistors.

Reference: this mod is noted on page 3-15 of the service manual.

Thanks.

Steve, NL7W
- not in but around Palmer, Alaska, USA

1180. RE: [FT-707] Has Anyone Accomplished the TX IMD Mod in the Service Manual?

Yahoo group: FT-707
Date: 2012-11-07 10:37:37 UTC
From: Marinos Markomanolakis M.D.
Topic: 1179 Message: 1180

I have done it, 2 resistors 1/8W fit nicely there. No problem getting 110W out on 10m band now. Since I did this at the time of the PA repair (a blown 2sc2290) do not know how the rig performed before the mod. Just checked the drivers and since they had the red dot I assumed the mod would be in order as per the yaesu recommendations.

73,
Marinos, sv9dru

> To: FT-707@yahoogroups.com
> From: steven.gehring@...
> Date: Tue, 6 Nov 2012 23:27:21 +0000
> Subject: [FT-707] Has Anyone Accomplished the TX IMD Mod in the Service Manual?
>
> Has anyone accomplished the TX IMD distortion improvement mod? This is the addition of paralleled 1-ohm resistors soldered to vertical posts between the final amp transistors.
>
> Reference: this mod is noted on page 3-15 of the service manual.
>
> Thanks.
>
> Steve, NL7W
> - not in but around Palmer, Alaska, USA
>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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>
>

[Non-text portions of this message have been removed]

1181. Re: Wtd - Replacement Crystals

Yahoo group: FT-707
Date: 2012-11-07 12:02:45 UTC
From: mikewogden
Topic: 1177 Message: 1181

Dave
Thanks for that I will check.

I'm about halfwave through dismantling the beast to get at the infamous AVR board to check and clean the relay.

Regards

Mike G4KXQ

--- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
>
> NO TX on 707s is often caused by the link on the 12v power input being
> missing. Two pins are 12v in, two are linked to enable the TX , not linked
> when using a transverter, to disable the PA.
>
> Dave Wade G4UGM
> Illegitimi Non Carborundum

1182. Re: [FT-707] Re: Wtd - Replacement Crystals

Yahoo group: FT-707
Date: 2012-11-07 13:07:09 UTC
From: Dave Wade
Topic: 1177 Message: 1182

On 7 November 2012 12:02, mikewogden <mikewogden@...> wrote:

> Dave
> Thanks for that I will check.
>
> I'm about halfwave through dismantling the beast to get at the infamous
> AVR board to check and clean the relay.
>
>
OK on re-reading what I wrote I am not sure I made it clear the link is in
the LEAD so it you don't feed the rig with the supplied lead you get no TX
power.

> Regards
>
> Mike G4KXQ
>
> --- In FT-707@yahoogroups.com, "Dave" <dave.g4ugm@...> wrote:
> >
> > NO TX on 707s is often caused by the link on the 12v power input being
> > missing. Two pins are 12v in, two are linked to enable the TX , not
> linked
> > when using a transverter, to disable the PA.
> >
> > Dave Wade G4UGM
> > Illegitimi Non Carborundum
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

1183. Re: [FT-707] Re: Wtd - Replacement Crystals

Yahoo group: FT-707
Date: 2012-11-07 14:42:55 UTC
From: Curt Nixon
Topic: 1177 Message: 1183

Hi Mike:

Be very careful when re-installing the AVR board that nothing touches the frame. I usually add a sheet of mylar between it and the chassis to be sure. I have repaired several 707's that had contacted under ther AVR and blown various bits up...esp steering diodes on the main board.

Chhers

Curt
KU8L

On 11/7/2012 7:02 AM, mikewogden wrote:
>
> Dave
> Thanks for that I will check.
>
> I'm about halfwave through dismantling the beast to get at the
> infamous AVR board to check and clean the relay.
>
> Regards
>
> Mike G4KXQ
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>,
> "Dave" <dave.g4ugm@...> wrote:
> >
> > NO TX on 707s is often caused by the link on the 12v power input being
> > missing. Two pins are 12v in, two are linked to enable the TX , not
> linked
> > when using a transverter, to disable the PA.
> >
> > Dave Wade G4UGM
> > Illegitimi Non Carborundum
>
>

[Non-text portions of this message have been removed]

1184. control cable ft 707

Yahoo group: FT-707
Date: 2012-11-07 19:12:18 UTC
From: Honey Green
Topic: 1184 Message: 1184

I have found a place that has a control cable for my ft 707,has anyone ever heard of or used these?

Lynn

[Non-text portions of this message have been removed]

1185. Re: [FT-707] control cable ft 707

Yahoo group: FT-707
Date: 2012-11-08 02:16:15 UTC
From: Thomas Carpenter
Topic: 1184 Message: 1185

And it controls what? I have a power cable , a speaker cable and an 8v accessory line also a vfo cable but control I'm not familiar with that one.
What's it supposed to control?
747 uses a CIV or similar cable.

Tom Kb3hg

-----Original Message-----
From: Honey Green <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Wed, Nov 7, 2012 2:42 pm
Subject: [FT-707] control cable ft 707

I have found a place that has a control cable for my ft 707,has anyone ever heard of or used these?

Lynn

[Non-text portions of this message have been removed]

1186. Re: Wtd - Replacement Crystals

Yahoo group: FT-707
Date: 2012-11-12 10:35:03 UTC
From: g7ttr
Topic: 1177 Message: 1186

Hello Mike

I might have those replacement crystals in my parts box from an FT107.
I maybe intereseted in a swap for your crystals, if they are not plug in type crystal.

Regards

Danny G7TTR

--- In FT-707@yahoogroups.com, "mikewogden" <mikewogden@...> wrote:
>
> Acquired a 707 at a recent rally. It was sold as have a sticking RX-TX relay that I intend to diagnose and repair. At present there's no transmit. The rig is destined for my father who recently obtained his UK foundation licence.
>
> Unfortunately I've found that it has also been `got at'. The 40, 10a, 10b, 10c and 10d bands have been converted for CB use.
> Does any-one have a scrap 707 that they could sell me some replacement crystals. The cost to replace the missing rocks new is almost the price I paid for the rig secondhand.
>
> Can anyone recommend a tamper proof way of throlling back the output to 10W max? I was thinking of a voltage on the external ALC line but someone may have a more elegant idea.
>
> Any help would be greatly appreciated.
>
> Regards
>
> Mike G4KXQ
>

1187. Tx frequency fluctuation solved

Yahoo group: FT-707
Date: 2012-11-26 21:15:21 UTC
From: sv9dru
Topic: 1187 Message: 1187

Tx frequency had been reported as being off by 20Hz while perfectly centered on Rx.
Traced to a bad 7808 regulator IC on the AVR board which would exhibit up to 90mV output fluctuation on voice peaks due to input voltage drop of 1V, creating the FMing of audio from modulating the CLAR varicap !

The offending regulator and (while in there) all of the electrolytic caps of the AVR board were changed, WITHOUT having to remove the VFO assembly or desolder any of its connections.

The AVR board can slide out of its place enough to gain comfortable access to the components.....

Result: PERFECT DEAD ON TX

73,
Marinos, sv9dru

1188. Re: Roofing filter question Add some kind of Q multiplyer etc??

Yahoo group: FT-707
Date: 2012-11-30 22:14:55 UTC
From: cd40105
Topic: 1161 Message: 1188

>
> Hello Marinos, sv9dru, and others, I know somewhere in the rsgb Tech topics narrated by G3VA, there was a simple RF Q multiplyer.
The other idea would be to have look at the Ten tec Scout 555 circuit for the variable IF bandwidth of the Jones filter, this is a ladder filter.Being able to narrow a filter from an SSB bandwidth to a 500 Hz
bandwidth, is whats needed, all the DSP at back end doesn't cut it.
There is some kind of cathode follower using an 807 valve, this is like an emitter follower which gives little gain. The valve I think is run flat out with lots of volts, but can withstand high emf signals, again this circuit is from tecnical topics.
I've tried using a 500 Hz filter in a Corsair..not the Corsair II...in the first IF as the ladder filter is not soldered in..This 500 Hz filter has a centre frequency of 9 Mhz.

I wonder what the front ends are like in these YOU KITS??
I think with the Drake R4C you can still get a 600 HZ bandwidth 1st IF filter, switchable,(some american company do various radios filters)?? and once upon a time there was a 125 HZ filter for the 2nd IF in the drake R4C. 73 de ian G3YRQ.
>

1189. 'drive control' and standby condition

Yahoo group: FT-707
Date: 2012-12-03 15:48:33 UTC
From: AI4SY
Topic: 1189 Message: 1189

Hello to all, and thanks for letting me be apart of this group.

I need some help.

I have an FT-707 with the FC-707 antenna tuner.

In the instructions for tuning the radio it makes the following statement:
 In step (1) Reduce the drive control on the transceiver to the minimum,

and place the transmitter in the 'standby' conditions for the moment.

I can not find the drive control, and I also can not find the 'standby' switch.

Can any one help me out here.

Thanks to for your help ahead of time, and for making this group.

73, Wm

My ham radio web page: http://www.qsl.net/ai4sy/

[Non-text portions of this message have been removed]

1190. Re: [FT-707] 'drive control' and standby condition

Yahoo group: FT-707
Date: 2012-12-03 16:09:44 UTC
From: francesco messineo
Topic: 1189 Message: 1190

Hello,

On Mon, Dec 3, 2012 at 4:48 PM, AI4SY <ai4sy@...> wrote:
>
>
>
> Hello to all, and thanks for letting me be apart of this group.
>
> I need some help.
>
> I have an FT-707 with the FC-707 antenna tuner.
>
> In the instructions for tuning the radio it makes the following statement:
> In step (1) Reduce the drive control on the transceiver to the minimum,
>
> and place the transmitter in the 'standby' conditions for the moment.

drive is probably the CAR potentiometer (works only on AM and CW).
Standby is likely meaning to place the transceiver in receiver mode
(MOX switch in OUT position, no VOX action and no PTT activated on the
microphone).

73
Frank IZ8DWF

1191. Re: [FT-707] 'drive control' and standby condition

Yahoo group: FT-707
Date: 2012-12-03 16:20:28 UTC
From: Thomas Carpenter
Topic: 1189 Message: 1191

drive equals carrier turn ccw
standby equals do not key the mike or push the MOX (maually operated relay switch) Push button
when you are done tuning your antenna use the alc to be sure your not over driving the audio.

73,
Tom Kb3hg

-----Original Message-----
From: AI4SY <ai4sy@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Mon, Dec 3, 2012 11:07 am
Subject: [FT-707] 'drive control' and standby condition

Hello to all, and thanks for letting me be apart of this group.

I need some help.

I have an FT-707 with the FC-707 antenna tuner.

In the instructions for tuning the radio it makes the following statement:
In step (1) Reduce the drive control on the transceiver to the minimum,

and place the transmitter in the 'standby' conditions for the moment.

I can not find the drive control, and I also can not find the 'standby' switch.

Can any one help me out here.

Thanks to for your help ahead of time, and for making this group.

73, Wm

My ham radio web page: http://www.qsl.net/ai4sy/

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1192. Transmitting

Yahoo group: FT-707
Date: 2012-12-15 21:50:19 UTC
From: honeygreen3
Topic: 1192 Message: 1192

Ft-707 groups
When i transmit only the reflected power needle on my antenna moves.
Tuner is MFJ-941E.Hope in not to vague.
Lynn kc7fzc

1193. Re: [FT-707] Transmitting

Yahoo group: FT-707
Date: 2012-12-15 23:03:41 UTC
From: Curt Nixon
Topic: 1192 Message: 1193

A few things could do that. You do mean the reflected needle on the tuner?

Possibilities:

really bad antenna.

broken fwd metering circuit in the tuner.

You might try a cheap and simple external SWR meter.

or:P If the tuner has a "direct" or straight thru setting, use that and switch the input and output connections to see if the other meter reads at all.

Be careful and use only very low power for this to protect the meters.

Do you have a dummy load?

You could try the old 100W incandescent bulb as a dummy load. It should tell you if meters are working because they will definitely take power.

Finally, does it do this on all bands?

Curt
KU8L

On 12/15/2012 4:50 PM, honeygreen3 wrote:
>
> Ft-707 groups
> When i transmit only the reflected power needle on my antenna moves.
> Tuner is MFJ-941E.Hope in not to vague.
> Lynn kc7fzc
>
>

[Non-text portions of this message have been removed]

1194. Tuning the ft-707

Yahoo group: FT-707
Date: 2012-12-16 23:21:00 UTC
From: wmjpalmer
Topic: 1194 Message: 1194

After turning the CAR full counter-clockwise and the transmitter is in the 'standby' mode, the CAR is slowly advanced until "deflection" of the meter needle is observed. I assume this means trun the CAR clockwise slowly. The the deflection occur when the needle just begins to move? If not, help me with this.....thanks, Wm

1195. Re: [FT-707] Tuning the ft-707

Yahoo group: FT-707
Date: 2012-12-17 08:40:03 UTC
From: Dave Wade
Topic: 1194 Message: 1195

On 16/12/2012 23:21, wmjpalmer wrote:
> After turning the CAR full counter-clockwise and the transmitter is in the 'standby' mode, the CAR is slowly advanced until "deflection" of the meter needle is observed. I assume this means trun the CAR clockwise slowly. The the deflection occur when the needle just begins to move? If not, help me with this.....thanks, Wm
>
Sounds about right. Also get blobs on the LED bar graph on the rig. Do
you need to be in AM mode for this to work any one, its been a while...

>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
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>
>

--
Dave Wade G4UGM
Illegitimi Non Carborundum

1196. Re: [FT-707] Tuning the ft-707

Yahoo group: FT-707
Date: 2012-12-17 14:15:27 UTC
From: Thomas Carpenter
Topic: 1194 Message: 1196

Dave,
Bear with me , Mode switch in the cw-w position, use the MOX switch, PTT or Key. to activate transmitter. Just a side note the power plug the 2 pins that are not power need to be shorted to transmit. There should be a jumper across those 2 pins. I just don't know if you have been using the rig already. That's why the the detail.

73,
Tom Kb3hg

-----Original Message-----
From: Dave Wade <dave.g4ugm@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Mon, Dec 17, 2012 5:15 am
Subject: Re: [FT-707] Tuning the ft-707

On 16/12/2012 23:21, wmjpalmer wrote:
> After turning the CAR full counter-clockwise and the transmitter is in the 'standby' mode, the CAR is slowly advanced until "deflection" of the meter needle is observed. I assume this means trun the CAR clockwise slowly. The the deflection occur when the needle just begins to move? If not, help me with this.....thanks, Wm
>
Sounds about right. Also get blobs on the LED bar graph on the rig. Do you need to be in AM mode for this to work any one, its been a while...

>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>

--
Dave Wade G4UGM
Illegitimi Non Carborundum

[Non-text portions of this message have been removed]

1197. Audio output Z and external DSP filter

Yahoo group: FT-707
Date: 2012-12-24 06:37:17 UTC
From: allenbh57
Topic: 1197 Message: 1197

Hello,
I have an MFJ-784 DSP filter that I recently purchased. The manual says to attach it to the speaker or headphone output of the radio. The Input Z is high - I think about 10K Ohms, and it says that if the radio wants to see "normal" load then to put a resistor in place of the speaker. OK - I have about 10 Ohms in parallel with the plug that feeds the filter.

I'm getting used to how to tune it... it makes a big difference on static crashes and other noise. Just learning it.

So, I have the input level adjust turned up all the way, and I find that I have to turn the output of the FT-707 up to about 40 - 50%. That is WAY higher than I run my speaker, and I do not want to damage the audio board...
(I know, "what are the levels" - not sure, suspect around
I was thinking about using, say, an LM386 Audio Amplifier chip in the DSP enclosure to boost the level. I'd go ahead and pad the input with a load resistor of 8 to 16 ohms to keep the rig happy and the output volume "normal". This will (1) keep the level the same as when I am using a speaker, and (2) allow me to boost the audio into the filter so it works correctly.

Does this sound reasonable? I won't need it all the time but want to make it as easy to use as possible. Probably simply put a toggle to transfer the output from the rig's external speaker to the filter.

Thanks,
Bill
AJ4TX

1198. VR4001 on LPF Board

Yahoo group: FT-707
Date: 2012-12-24 07:56:06 UTC
From: allenbh57
Topic: 1198 Message: 1198

Hello,
I am working on a really badly cobbled-up unit. (Not my main '707!). It looks like a metal termite got hold of it. There are several parts that should be there that I am going to have to replace or make.

Further, I have the suspicion that this radio was used on the crooked band - 1 or 2 of the 10-meter crystals have been changed. But it has been rescued!

Back to the point:

VR4001, the 20K POT on the LPF board in the Directional Coupler has been moved to the side of the unit, for some reason. That's what I said! I can only guess to allow power control OR to allow it to ignore high SWR when it should be throttled-back. It is now located on the left side about halfway back, between the 2 PCB's. My aim is to get the right pot back in there where it is supposed to go. I will look for a small 20K pot to wire back in there, or see if the real one is available.

As I read it, the adjustment procedure would be to first set the directional coupler balance, then to set the power out to 50 Watts with a 17 ohm load attached (3:1 SWR).

Any ideas are appreciated!

73,
Bill
AJ4TX

1199. Re: [FT-707] VR4001 on LPF Board

Yahoo group: FT-707
Date: 2012-12-24 20:09:21 UTC
From: Thomas Carpenter
Topic: 1198 Message: 1199

That sounds about right from memory, watch your bias to the final. there was another power limiting pot can't recall the number of hand do yourself a favor and don't run it at 120 watts. it will last longer.

Tom Kb3hg

As I read it, the adjustment procedure would be to first set the directional coupler balance, then to set the power out to 50 Watts with a 17 ohm load attached (3:1 SWR).

-----Original Message-----
From: allenbh57 <allenbh@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Mon, Dec 24, 2012 5:05 am
Subject: [FT-707] VR4001 on LPF Board

[Non-text portions of this message have been removed]

1200. Getting My New Standby Radio ft-707 Tomorrow :)

Yahoo group: FT-707
Date: 2013-01-03 17:41:16 UTC
From: m3daf
Topic: 1200 Message: 1200

First of all i would like to thank the group for adding me :)

Just won a Yaesu ft-707 Fc-707 & a Fp-707 on the good old auction site didnt think it was to much to pay i:e £290 for the job lot,

Hope all is ok with it :) i know that it has got the 11m band fitted as that was stated so hopefully that can be put back if they havent messed it up ?? but all looks in good condition.

I will report back with reports about the rig when it arives in the morning , It has been a long time since i had one of these rigs think it was in the late 80s lol but what i can remember about the rig was that it worked very well on the tx/rx good audio on tx and nice sound on the rx, a little different now i guess with all the moddern stuff about but theres one thing !!! No PLASTIC HERE with these tanks lol

Fingers x that it works like a charm

Thanks M3daf Dale.

1201. Re: Rx-Tx frequency difference

Yahoo group: FT-707
Date: 2013-01-03 17:42:54 UTC
From: m3daf
Topic: 1170 Message: 1201

--- In FT-707@yahoogroups.com, "sv9dru" wrote:
>
> Reporting back to the group my findings on the RX-TX frequency discrepancy with the clarifier OFF.
>
> After spraying the CLAR switch with contact cleaner and working it a few times on-off the problem is completely gone!
>

Thanks for the info will keep a look out for this one when i get my radio in the morning :) !!

1202. Re: [FT-707] Getting My New Standby Radio ft-707 Tomorrow :)

Yahoo group: FT-707
Date: 2013-01-03 18:18:46 UTC
From: Thomas Carpenter
Topic: 1200 Message: 1202

There is a lot if information here. Welcome Back Dale.

Tom Kb3hg

-----Original Message-----
From: m3daf <m3daf@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Jan 3, 2013 1:04 pm
Subject: [FT-707] Getting My New Standby Radio ft-707 Tomorrow :)

First of all i would like to thank the group for adding me :)

Just won a Yaesu ft-707 Fc-707 & a Fp-707 on the good old auction site didnt think it was to much to pay i:e £290 for the job lot,

Hope all is ok with it :) i know that it has got the 11m band fitted as that was stated so hopefully that can be put back if they havent messed it up ?? but all looks in good condition.

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Fingers x that it works like a charm

Thanks M3daf Dale.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1203. Re: Getting My New Standby Radio ft-707 Tomorrow :)

Yahoo group: FT-707
Date: 2013-01-03 19:18:30 UTC
From: m3daf
Topic: 1200 Message: 1203

Thanks Tom :)

--- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
>
> There is a lot if information here. Welcome Back Dale.
>
>
> Tom Kb3hg
>
>
>
> -----Original Message-----
> From: m3daf
> To: FT-707
> Sent: Thu, Jan 3, 2013 1:04 pm
> Subject: [FT-707] Getting My New Standby Radio ft-707 Tomorrow :)
>
>
> First of all i would like to thank the group for adding me :)
>
> Just won a Yaesu ft-707 Fc-707 & a Fp-707 on the good old auction site didnt
> think it was to much to pay i:e Â£290 for the job lot,
>
> Hope all is ok with it :) i know that it has got the 11m band fitted as that was
> stated so hopefully that can be put back if they havent messed it up ?? but all
> looks in good condition.
>
> I will report back with reports about the rig when it arives in the morning , It
> has been a long time since i had one of these rigs think it was in the late 80s
> lol but what i can remember about the rig was that it worked very well on the
> tx/rx good audio on tx and nice sound on the rx, a little different now i guess
> with all the moddern stuff about but theres one thing !!! No PLASTIC HERE with
> these tanks lol
>
> Fingers x that it works like a charm
>
> Thanks M3daf Dale.
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links

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>
> [Non-text portions of this message have been removed]
>

1204. Re: Getting My New Standby Radio ft-707 Tomorrow :)

Yahoo group: FT-707
Date: 2013-01-04 03:12:03 UTC
From: allenbh57
Topic: 1200 Message: 1204

Hi Tom,
FB on the FT-707 outfit! I think these are a nice combo. I use the FT-707 with the FC-707. Awhile back I was having trouble matching the longwire we use with the tuner. Just acting funny! This was after accidentally switching bands on the tuner while transmitting. Oops. Opened it up and found the 40M tap "unsoldered" from the coil. Easy fix.

You are right - these are solidly built! Enjoy!

73,
Bill
AJ4TX

--- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
>
> There is a lot if information here. Welcome Back Dale.
>
>
> Tom Kb3hg
>
>
>
> -----Original Message-----
> From: m3daf
> To: FT-707
> Sent: Thu, Jan 3, 2013 1:04 pm
> Subject: [FT-707] Getting My New Standby Radio ft-707 Tomorrow :)
>
>
> First of all i would like to thank the group for adding me :)
>
> Just won a Yaesu ft-707 Fc-707 & a Fp-707 on the good old auction site didnt
> think it was to much to pay i:e Â£290 for the job lot,
>
> Hope all is ok with it :) i know that it has got the 11m band fitted as that was
> stated so hopefully that can be put back if they havent messed it up ?? but all
> looks in good condition.
>
> I will report back with reports about the rig when it arives in the morning , It
> has been a long time since i had one of these rigs think it was in the late 80s
> lol but what i can remember about the rig was that it worked very well on the
> tx/rx good audio on tx and nice sound on the rx, a little different now i guess
> with all the moddern stuff about but theres one thing !!! No PLASTIC HERE with
> these tanks lol
>
> Fingers x that it works like a charm
>

> Thanks M3daf Dale.
>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
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>
> [Non-text portions of this message have been removed]
>

1205. Re: Getting My New Standby Radio ft-707 Tomorrow :)

Yahoo group: FT-707
Date: 2013-01-04 03:17:21 UTC
From: allenbh57
Topic: 1200 Message: 1205

Previous message I just sent I meant to say "Dale", not Tom... Anyway, I forgot to mention about the 4 10M positions - one of mine is also "not 10M". Someone had put in an 11M crystal and re-tuned the transformer. No matter - I just skip that one since 28 - 25.500 is there too.

73,
Bill

--- In FT-707@yahoogroups.com, "m3daf" wrote:
>
>
> Thanks Tom :)
>
> --- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
> >
> > There is a lot if information here. Welcome Back Dale.
> >
> >
> > Tom Kb3hg
> >
> >
> >
> > -----Original Message-----
> > From: m3daf
> > To: FT-707
> > Sent: Thu, Jan 3, 2013 1:04 pm
> > Subject: [FT-707] Getting My New Standby Radio ft-707 Tomorrow :)
> >
> >
> > First of all i would like to thank the group for adding me :)
> >
> > Just won a Yaesu ft-707 Fc-707 & a Fp-707 on the good old auction site didnt
> > think it was to much to pay i:e Â£290 for the job lot,
> >
> > Hope all is ok with it :) i know that it has got the 11m band fitted as that was
> > stated so hopefully that can be put back if they havent messed it up ?? but all
> > looks in good condition.
> >
> > I will report back with reports about the rig when it arives in the morning , It
> > has been a long time since i had one of these rigs think it was in the late 80s
> > lol but what i can remember about the rig was that it worked very well on the
> > tx/rx good audio on tx and nice sound on the rx, a little different now i guess
> > with all the moddern stuff about but theres one thing !!! No PLASTIC HERE with
> > these tanks lol
> >

> > Fingers x that it works like a charm
> >
> > Thanks M3daf Dale.
> >
> >
> >
> > ------------------------------------
> >
> > Yaesu-Musen Radios: Quality all around!
> >
> > Yahoo! Groups Links
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> >
> > [Non-text portions of this message have been removed]
> >
>

1206. FC-707DM works!

Yahoo group: FT-707
Date: 2013-01-04 05:41:57 UTC
From: allenbh57
Topic: 1206 Message: 1206

Wow - imagine just casually reading a message from a new owner and learning why my VCO didn't work! 17 years ago when I bought my FT-707 station from a co-worker, he explained to me that the VFO did not work and he had not had time to troubleshoot it. I tried it a couple times since, but it has lived in a bin. :-(

Well, the recent messages about the battery in the FC_707DM got me thinking "hope those have not leaked!". Did not even know they were there. So I replaced the batteries, with no leaks, and it works. It stores frequencies and works!

All it was is the batteries were dead!

Thanks!
AJ4TX

1207. Re: control cable ft 707

Yahoo group: FT-707
Date: 2013-01-04 01:41:35 UTC
From: honeygreen3
Topic: 1184 Message: 1207

Will let you know when i have used the cable,to cold to work on it now.
Lynn KC7FZC

--- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
>
> And it controls what? I have a power cable , a speaker cable and an 8v accessory line also a vfo cable but control I'm not familiar with that one.
> What's it supposed to control?
> 747 uses a CIV or similar cable.
>
>
>
> Tom Kb3hg
>
>
> -----Original Message-----
> From: Honey Green
> To: FT-707
> Sent: Wed, Nov 7, 2012 2:42 pm
> Subject: [FT-707] control cable ft 707
>
>
> I have found a place that has a control cable for my ft 707,has anyone ever
> heard of or used these?
>
> Lynn
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1208. Re: FC-707DM works!

Yahoo group: FT-707
Date: 2013-01-04 14:54:14 UTC
From: allenbh57
Topic: 1206 Message: 1208

Maybe I'll learn the difference between C and V soon, Hi Hi.FV-707DM
--- In FT-707@yahoogroups.com, "allenbh57" wrote:
>
> Wow - imagine just casually reading a message from a new owner and learning why my VCO didn't work! 17 years ago when I bought my FT-707 station from a co-worker, he explained to me that the VFO did not work and he had not had time to troubleshoot it. I tried it a couple times since, but it has lived in a bin. :-(
>
> Well, the recent messages about the battery in the FC_707DM got me thinking "hope those have not leaked!". Did not even know they were there. So I replaced the batteries, with no leaks, and it works. It stores frequencies and works!
>
> All it was is the batteries were dead!
>
> Thanks!
> AJ4TX
>

1209. Re: [FT-707] Re: control cable ft 707

Yahoo group: FT-707
Date: 2013-01-04 15:52:31 UTC
From: Thomas Carpenter
Topic: 1184 Message: 1209

Lynn,
Another cable may be for the accessory cable that runs between a transverter FTV-107R and the FRB-707. other than the 8v cable and rf cable to the transverter.
page 12 of the manual.

Tom

-----Original Message-----
From: honeygreen3 <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, Jan 4, 2013 1:06 am
Subject: [FT-707] Re: control cable ft 707

Will let you know when i have used the cable,to cold to work on it now.
Lynn KC7FZC

--- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
>
> And it controls what? I have a power cable , a speaker cable and an 8v accessory line also a vfo cable but control I'm not familiar with that one.
> What's it supposed to control?
> 747 uses a CIV or similar cable.
>
>
>
> Tom Kb3hg
>
>
> -----Original Message-----
> From: Honey Green
> To: FT-707
> Sent: Wed, Nov 7, 2012 2:42 pm
> Subject: [FT-707] control cable ft 707
>
>
> I have found a place that has a control cable for my ft 707,has anyone ever
> heard of or used these?
>
> Lynn
>
>
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>
> [Non-text portions of this message have been removed]
>

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1210. Tx / Rx Trimer pots

Yahoo group: FT-707
Date: 2013-01-06 00:06:37 UTC
From: m3daf
Topic: 1210 Message: 1210

Hi All,

Could someone please tell me witch two pots are for the rx and tx as my 707 is off frequency a little on the rx side ie: when someone is txing on say 7.160.0 my display is on 7.160.5 , so i need to put this right as its abit off putting hi hi ,

please advise
many thanks
M3daf, Dale.

1211. Re: [FT-707] Tx / Rx Trimer pots

Yahoo group: FT-707
Date: 2013-01-06 16:02:58 UTC
From: Thomas Carpenter
Topic: 1210 Message: 1211

Dale,

From pages 34 & 35 of the manual, VR4601 on the AVR board.

Tom Kb3hg

-----Original Message-----
From: m3daf <m3daf@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Sun, Jan 6, 2013 4:36 am
Subject: [FT-707] Tx / Rx Trimer pots

Hi All,

Could someone please tell me witch two pots are for the rx and tx as my 707 is
off frequency a little on the rx side ie: when someone is txing on say 7.160.0
my display is on 7.160.5 , so i need to put this right as its abit off putting
hi hi ,

please advise
many thanks
M3daf, Dale.

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1212. RE: [FT-707] Tx / Rx Trimer pots

Yahoo group: FT-707
Date: 2013-01-06 16:36:53 UTC
From: Marinos Markomanolakis M.D.
Topic: 1210 Message: 1212

First,
You make sure you have the LSB / USB trimmers properly adjusted (located on the AF board) ideally using the injection of 300Hz and 2,7Khz audio signal via the mic input and observing identical output eg 15W out on a dummy load.
Then, align the MARKER signal trimmer (on the AF board too) while listening to the tone signal of a broadcast AM station. You listen to the tone produced while on USB or LSB mode and while you are slightly eg 1khz off the station's frequency.
Then you turn the marker on and you zero-beat the two tones adjusting the corresponding marker trimmer.
Finally, if your operating frequency is still off after 30min of warmup, you can bring it to where it should be from the trimmer on the frequency counter board (above the digital display).

The identification of the above alignment points should be done using the pictures of the service manual, available in PDF format from the web.

Good luck,
73
Marinos, sv9dru

> To: FT-707@yahoogroups.com
> From: Kb3hg@...
> Date: Sun, 6 Jan 2013 11:02:58 -0500
> Subject: Re: [FT-707] Tx / Rx Trimer pots
>
> Dale,
>
>
> From pages 34 & 35 of the manual, VR4601 on the AVR board.
>
>
> Tom Kb3hg
>
>
>
> -----Original Message-----
> From: m3daf <m3daf@...>
> To: FT-707 <FT-707@yahoogroups.com>
> Sent: Sun, Jan 6, 2013 4:36 am
> Subject: [FT-707] Tx / Rx Trimer pots
>
>
> Hi All,
>
> Could someone please tell me witch two pots are for the rx and tx as my 707 is
> off frequency a little on the rx side ie: when someone is txing on say 7.160.0

> my display is on 7.160.5 , so i need to put this right as its abit off putting
> hi hi ,
>
> please advise
> many thanks
> M3daf, Dale.
>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

1213. Replacement for the MSM9520RS Counter/Display ASIC

Yahoo group: FT-707
Date: 2013-01-10 05:16:41 UTC
From: allenbh57
Topic: 1213 Message: 1213

Just a note to anyone that has trouble with the MSM9520RS chip, mine died awhile back, and I recalled that I had seen a ham in Japan selling kits for these. I contacted him, and he had just upgraded the kit to SMT and newer components, simpler and easier install. The cost was only $37.50 including shipping, in August 2012. I ordered 2, as I have a second FT-707. (I have 3 707's now!).

It took only about an hour or two to remove the old chip, clean the board and assemble the replacement daughter board into the original position. It works as good as new!

I've seen similar for double the cost. I think Hayashi-san is the developer of this particular module and it is very, very good.

Contact:
Teruhiko Hayashi JA2SVZ

If you have trouble finding him let me know.

1214. Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-16 15:45:38 UTC
From: allenbh57
Topic: 1214 Message: 1214

I was talking to KE4ZJF on 75M last night, and we met up right on frequency on LSB, about 3870. No problem. Then I said "Switch to USB and call me". We lost each other. Switched back to LSB then it was time to QRT and eat supper. He is using the FT-840, and left the carrier offset display OFF. When I switch LSB/USB/CW I get the following display change:
LSB 3986 KHz Starting 5 MHz below the carrier osc.
USB 3983 KHz 3 KHz difference here - OK.
CW/AM 3983.9 KHz Display reads +900 Hz, not -700 Hz.
Would seem my CW/AM display is off.

If another operator has his carrier offset display to "OFF", then we'd better both know it!? Or I guess I was the one to retune.

From service manual:
"Carrier osc provides signals at the following frequencies:"
LSB 8986 KHz
USB 8989 KHz
CW/AM 8988.3 KHz

What do you guys' 707's display for LSB/USB/CW?

Ideas? Thanks!

1215. Re: [FT-707] Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 08:08:09 UTC
From: Dean Rayner
Topic: 1214 Message: 1215

Hi

I'm not sure by how much, but mine shifts a bit between modes too.

Dean Rayner

On 16 Jan 2013, at 15:45, "allenbh57" <allenbh@...> wrote:

> I was talking to KE4ZJF on 75M last night, and we met up right on frequency on LSB, about 3870. No problem. Then I said "Switch to USB and call me". We lost each other. Switched back to LSB then it was time to QRT and eat supper. He is using the FT-840, and left the carrier offset display OFF. When I switch LSB/USB/CW I get the following display change:
> LSB 3986 KHz Starting 5 MHz below the carrier osc.
> USB 3983 KHz 3 KHz difference here - OK.
> CW/AM 3983.9 KHz Display reads +900 Hz, not -700 Hz.
> Would seem my CW/AM display is off.
>
> If another operator has his carrier offset display to "OFF", then we'd better both know it!? Or I guess I was the one to retune.
>
> From service manual:
> "Carrier osc provides signals at the following frequencies:"
> LSB 8986 KHz
> USB 8989 KHz
> CW/AM 8988.3 KHz
>
> What do you guys' 707's display for LSB/USB/CW?
>
> Ideas? Thanks!
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>

1216. Re: [FT-707] Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 09:34:44 UTC
From: Csahok Zoltan
Topic: 1214 Message: 1216

Hi,

Mine shows

LSB 3986 kHz
USB 3983 kHz
CW/AM 3983.7 kHz

73,
Zoli
ha5cqz

On Wed, Jan 16, 2013 at 03:45:38PM -0000, allenbh57 wrote:
> I was talking to KE4ZJF on 75M last night, and we met up right on frequency on LSB, about 3870. No problem. Then I said "Switch to USB and call me". We lost each other. Switched back to LSB then it was time to QRT and eat supper. He is using the FT-840, and left the carrier offset display OFF. When I switch LSB/USB/CW I get the following display change:
> LSB 3986 KHz Starting 5 MHz below the carrier osc.
> USB 3983 KHz 3 KHz difference here - OK.
> CW/AM 3983.9 KHz Display reads +900 Hz, not -700 Hz.
> Would seem my CW/AM display is off.
>
> If another operator has his carrier offset display to "OFF", then we'd better both know it!? Or I guess I was the one to retune.
>
> >From service manual:
> "Carrier osc provides signals at the following frequencies:"
> LSB 8986 KHz
> USB 8989 KHz
> CW/AM 8988.3 KHz
>
> What do you guys' 707's display for LSB/USB/CW?
>
> Ideas? Thanks!
>

1217. Re: [FT-707] Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 13:51:52 UTC
From: Dean Rayner
Topic: 1214 Message: 1217

I assumed that the differences were due to USB being above the carrier, LSB being below the carrier and AM/CW being the carrier freq????
I base this on nothing other than my own imagination. My 707 is the first HF rig I have owned so no previous knowledge.
Dean

> From service manual:
> "Carrier osc provides signals at the following frequencies:"
> LSB 8986 KHz
> USB 8989 KHz
> CW/AM 8988.3 KHz
>

[Non-text portions of this message have been removed]

1218. Re: Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 16:29:25 UTC
From: allenbh57
Topic: 1214 Message: 1218

Hi Zoli,

OK - I think that these rigs don't compensate for the shift by adjusting the frequency like some newer ones do, My DX-78=0 or the 840, for example.

However, yours is correct to the book, Zoli, but my CW offset is closer to 1,100 Hz instead of the 700 it is supposed to be!

I'm gonna repeat that experiment with Chad.

Thanks and 73,
Bill
AJ4TX

--- In FT-707@yahoogroups.com, Csahok Zoltan wrote:
>
> Hi,
>
> Mine shows
>
> LSB 3986 kHz
> USB 3983 kHz
> CW/AM 3983.7 kHz
>
>
> 73,
> Zoli
> ha5cqz
>
> On Wed, Jan 16, 2013 at 03:45:38PM -0000, allenbh57 wrote:
> > I was talking to KE4ZJF on 75M last night, and we met up right on frequency on LSB, about 3870. No problem. Then I said "Switch to USB and call me". We lost each other. Switched back to LSB then it was time to QRT and eat supper. He is using the FT-840, and left the carrier offset display OFF. When I switch LSB/USB/CW I get the following display change:
> > LSB 3986 KHz Starting 5 MHz below the carrier osc.
> > USB 3983 KHz 3 KHz difference here - OK.
> > CW/AM 3983.9 KHz Display reads +900 Hz, not -700 Hz.
> > Would seem my CW/AM display is off.
> >
> > If another operator has his carrier offset display to "OFF", then we'd better both know it!? Or I guess I was the one to retune.
> >
> > >From service manual:
> > "Carrier osc provides signals at the following frequencies:"
> > LSB 8986 KHz

> > USB 8989 KHz
> > CW/AM 8988.3 KHz
> >
> > What do you guys' 707's display for LSB/USB/CW?
> >
> > Ideas? Thanks!
> >
>

1219. Re: Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 16:33:40 UTC
From: allenbh57
Topic: 1214 Message: 1219

Yes, that would seem to be the answer. I was quite puzzled at first, why some rigs changed and others did not! Thing is, if I am using the Analog tuning knob (like I did when my Counter ASIC was bad, how would you know? Oh - the calibrator.

I have seen 2 marks on the face of the VFO window on radios before, to do that for you. THat's as long as the alignment holds, Hi Hi!

74,
Bill
AJ4TX

--- In FT-707@yahoogroups.com, Dean Rayner wrote:
>
> I assumed that the differences were due to USB being above the carrier, LSB
> being below the carrier and AM/CW being the carrier freq????
> I base this on nothing other than my own imagination. My 707 is the first
> HF rig I have owned so no previous knowledge.
> Dean
>
> > From service manual:
> > "Carrier osc provides signals at the following frequencies:"
> > LSB 8986 KHz
> > USB 8989 KHz
> > CW/AM 8988.3 KHz
> >
>
>
> [Non-text portions of this message have been removed]
>

1220. Re: [FT-707] Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 16:40:49 UTC
From: Curt Nixon
Topic: 1214 Message: 1220

The 700Hz offset on CW is so you can hear the other station. If you exactly zero on the other frequency, you hear zero Hz. So, in CW, if you tune the other station so the tone you hear is 700Hz (should match the CW sidetone frequency pretty closely) then you will be transmitting on his same frequency and he will also hear you at his same offset.

FWIW

Curt
KU8L

On 1/17/2013 8:51 AM, Dean Rayner wrote:
>
> I assumed that the differences were due to USB being above the
> carrier, LSB
> being below the carrier and AM/CW being the carrier freq????
> I base this on nothing other than my own imagination. My 707 is the first
> HF rig I have owned so no previous knowledge.
> Dean
>
> > From service manual:
> > "Carrier osc provides signals at the following frequencies:"
> > LSB 8986 KHz
> > USB 8989 KHz
> > CW/AM 8988.3 KHz
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1221. Re: Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-17 23:33:12 UTC
From: allenbh57
Topic: 1214 Message: 1221

Yes. Agreed - mine seems to be closer to 1,100 Hz! I notice that while the frequency on the dial changes, listening to a carrier signal - WWV for example, it does not change between USB and CW, which I thought strange. The displayed frequency does change between USB/LSB/CW and I would expect the carrier to shift too.
I'll be on the air a little later and will be looking at this again. :-)

73,
Bill AJ4TX

--- In FT-707@yahoogroups.com, Curt Nixon wrote:
>
> The 700Hz offset on CW is so you can hear the other station. If you
> exactly zero on the other frequency, you hear zero Hz. So, in CW, if
> you tune the other station so the tone you hear is 700Hz (should match
> the CW sidetone frequency pretty closely) then you will be transmitting
> on his same frequency and he will also hear you at his same offset.
>
> FWIW
>
> Curt
> KU8L
>
> On 1/17/2013 8:51 AM, Dean Rayner wrote:
> >
> > I assumed that the differences were due to USB being above the
> > carrier, LSB
> > being below the carrier and AM/CW being the carrier freq????
> > I base this on nothing other than my own imagination. My 707 is the first
> > HF rig I have owned so no previous knowledge.
> > Dean
> >
> > > From service manual:
> > > "Carrier osc provides signals at the following frequencies:"
> > > LSB 8986 KHz
> > > USB 8989 KHz
> > > CW/AM 8988.3 KHz
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

1222. Re: [FT-707] Re: Confused about displayed frequency on my '707

Yahoo group: FT-707
Date: 2013-01-18 08:24:51 UTC
From: Dave Wade
Topic: 1214 Message: 1222

On 17/01/2013 23:33, allenbh57 wrote:
> Yes. Agreed - mine seems to be closer to 1,100 Hz! I notice that while the frequency on the dial changes, listening to a carrier signal - WWV for example, it does not change between USB and CW, which I thought strange.

This is expected. The same CIO crystal is used for USB and CW receive. (There is a different one used for transmit which is why the displayed frequency changes). If you tune WWV so its audio is 700hz on CW (get an audio frequency counter for your computer there are some free ones around) the switch to USB and zero beat it the display should be the same.

> The displayed frequency does change between USB/LSB/CW and I would expect the carrier to shift too.
> I'll be on the air a little later and will be looking at this again. :-)
>
> 73,
> Bill AJ4TX
>
>

Its important to remember that for SSB tsuppressed carrier the displayed frequency is a bit of a mythical number. Lets call it a "nominal" frequency. NO RF should be generated on that frequency. On LSB the transmitted energy (or received signal) will be in a band that starts a few Hz (Looking at the manual 600hz) lower that the displayed frequency and extends downwards for the bandwidth of the SSB filter, which in the 707 is 2.4khz.

When you change mode between USB and LSB it is only the Carrier Insertion Oscillator (CIO) crystal and so frequency that is changed. If I have read the service manual properly (its here)

http://www.ko4bb.com/Manuals/Yaesu/Yaesu_FT-707.pdf

these are 3Khz apart so the displayed frequency should change by 3Khz when switching from USB to LSB. Why?

The "nominal" receive frequency depends on the CIO so that's why the display changes. The actual band of frequencies received does not change, just on one side band its inverted. So if the ring is tuned to 5Mhz USB then assuming the IF crystal is 2.1Khz wide the pass band will typically be 5.000 Mhz to 5.0021Mhz. When you switch to LSB the VFO does move, but the CIO moves to the other edge of the IF pass band and does and the received bandwidth is now 5.0021Mhz to 5.000Mhz.

As others have said CW is a bit odd in that we have different CIO crystals for receive and transmit so we get an audio tone we can hear.

an offset of 700hz which accounts for that shift. CW uses the USB CIO crystal so the displayed frequency will change 700hz between USB and CW but the perceived audio won't move.

If you want to see things with pictures page 2-6 of the above manual has tables of all the frequencies involved.

Dave
G4UGM

> --- In FT-707@yahoogroups.com, Curt Nixon wrote:
>> The 700Hz offset on CW is so you can hear the other station. If you
>> exactly zero on the other frequency, you hear zero Hz. So, in CW, if
>> you tune the other station so the tone you hear is 700Hz (should match
>> the CW sidetone frequency pretty closely) then you will be transmitting
>> on his same frequency and he will also hear you at his same offset.
>>
>> FWIW
>>
>> Curt
>> KU8L
>>
>> On 1/17/2013 8:51 AM, Dean Rayner wrote:
>>> I assumed that the differences were due to USB being above the
>>> carrier, LSB
>>> being below the carrier and AM/CW being the carrier freq????
>>> I base this on nothing other than my own imagination. My 707 is the first
>>> HF rig I have owned so no previous knowledge.
>>> Dean
>>>
>>>> From service manual:
>>>> "Carrier osc provides signals at the following frequencies:"
>>>> LSB 8986 KHz
>>>> USB 8989 KHz
>>>> CW/AM 8988.3 KHz
>>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>

>
>

--
Dave Wade G4UGM
Illegitimi Non Carborundum

1223. Question about TH01 on the IF unit board! D-33a thermistor.

Yahoo group: FT-707
Date: 2013-01-22 09:39:03 UTC
From: nathan.freeburn
Topic: 1223 Message: 1223

Hey everyone! I have been working on restoring a FT-707 and have been poking around inside it troubleshooting and cleaning. I noticed a visibly faulty thermistor on the IF board. Its placement number is TH01, and its part number is D-33a according to the service manual. It seems to be in parallel with a 3.3k resistor, and is located at the upper left corner of page 3-45, around the ALC connection.

I can't find any information on this part anywhere. I've tried looking for datasheets to no avail. Does anyone know what I could use as a replacement part? There is speculation that it's a regular NTC 3.3K thermistor, but I'd like to make sure before I replace it with an incompatible part!

Thanks in advance!

Nathan
VA3WDH

1224. Dynamic Mic wiring.

Yahoo group: FT-707
Date: 2013-01-28 21:07:33 UTC
From: jschoap
Topic: 1224 Message: 1224

Hi all,
Has anyone had decent results wiring a handheld dynamic mic to the 707? If so, would you please share your thoughts?
Thanks and 73,
Jeff
KB3VXY

1225. Re: [FT-707] Dynamic Mic wiring.

Yahoo group: FT-707
Date: 2013-01-29 00:48:06 UTC
From: Thomas Carpenter
Topic: 1224 Message: 1225

Jeff,
What mic do you want to wire up?
Look at: for a basic idea. http://www.hobby-hour.com/electronics/computer_microphone.php

Tom Kb3hg

-----Original Message-----
From: jschoap <jschoap@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Mon, Jan 28, 2013 4:11 pm
Subject: [FT-707] Dynamic Mic wiring.

Hi all,
Has anyone had decent results wiring a handheld dynamic mic to the 707? If so,
would you please share your thoughts?
Thanks and 73,
Jeff
KB3VXY

[Non-text portions of this message have been removed]

1226. Re: Dynamic Mic wiring.

Yahoo group: FT-707
Date: 2013-01-29 22:24:04 UTC
From: jschoap
Topic: 1224 Message: 1226

I would like to try using a Behringer XM1800 through a small mixing board. Most of my radios are older Yaesu models and I have several studio mics around from my musician days. Newer radios (some anyway) have xlr inputs to use studio mics. PTT is no problem, I just didn't want to re-invent the wheel as far as wiring from the board to the transceiver.

Jeff
KB3VXY

--- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
>
>
> Jeff,
> What mic do you want to wire up?
> Look at: for a basic idea. http://www.hobby-hour.com/electronics/computer_microphone.php
>
>
> Tom Kb3hg
>
>

1227. Re: Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2013-01-30 05:38:20 UTC
From: Rod
Topic: 1063 Message: 1227

>
> On Sun, Dec 18, 2011 at 5:46 PM, Dan wrote:
> >
> >
> >
> > Just got the FT-707 from a freind that didn't know anything about > > it. Hook everything up and flip her on. All the select buttons is > > off and set as op manual requested. The problem is that the
> > freqency is non stop scanning of 91.14 so on. read the manual and > > don't see anything about this. Is the unit bad. I looked at utube > > and don't see this happed. Need help!!!

Have another possible.

Mine had a sticky "FIX" button and sometimes have the hit it a few times to get it to read properly.

Please quote right, your moderator.

1228. RE: [FT-707] Re: Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2013-01-30 12:30:52 UTC
From: terry scanlon
Topic: 1063 Message: 1228

hi

have you tried the band switch and do you get the same reading ? and if you have a sticky fix switch make sure its unstuck when you try bands

regards terry g7vjh

To: FT-707@yahoogroups.com
From: chevy4x41967@sbcglobal.net
Date: Wed, 30 Jan 2013 05:38:20 +0000
Subject: [FT-707] Re: Yaesu FT-707 scanning

>

> On Sun, Dec 18, 2011 at 5:46 PM, Dan wrote:

> >

> >

> >

> > Just got the FT-707 from a freind that didn't know anything about > > it. Hook everything up and flip her on. All the select buttons is > > off and set as op manual requested. The problem is that the

> > freqency is non stop scanning of 91.14 so on. read the manual and > > don't see anything about this. Is the unit bad. I looked at utube > > and don't see this happed. Need help!!!

Have another possible.

Mine had a sticky "FIX" button and sometimes have the hit it a few times to get it to read properly.

Please quote right, your moderator.

[Non-text portions of this message have been removed]

1229. Re: Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2013-01-30 13:35:17 UTC
From: yorkscouts
Topic: 1063 Message: 1229

Hi

is the "VFO" LED lit? Is the "Fix" LED lit? (Above the VFO knob)
If Fix is selected it will not lock to a frequency and scan about. This is a setting to allow you to install crystals for fixed channels. If no crystals are fitted it will float about.

If the VFO LED is lit, mine does it if the band select switch is set to the setting between 10D and 80 meters. So it could be that switch.
Dean G7PFN

1230. Antenna tuner

Yahoo group: FT-707
Date: 2013-01-30 13:39:25 UTC
From: yorkscouts
Topic: 1230 Message: 1230

Hi,
Does anyone know the difference between the FT-707's matching antenna tuner, the FC-707 and the remarkably similar looking FC-700 ? ?

Cheers
Dean, G7PFN

1231. Re: [FT-707] Antenna tuner

Yahoo group: FT-707
Date: 2013-01-30 15:21:44 UTC
From: Thomas Carpenter
Topic: 1230 Message: 1231

Both manual and wiring I did not print them but a quick eval they seem to be the pretty much the same. the &00 had a mod for connecting it to a FT-747.

Dean,

http://www.kb2ljj.com/manuals/82-yaesus/FC-707%20Instruction%20Manual.pdf

with schematic http://www.zen107470.zen.co.uk/Yaesu/FC-707%20(Manual).pdf

http://www.radiomanual.info/schemi/ACC_matching/Yaesu_FC-700_user.pdf

Tom Kb3hg

-----Original Message-----
From: yorkscouts <dean.rayner@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Wed, Jan 30, 2013 8:47 am
Subject: [FT-707] Antenna tuner

Hi,
Does anyone know the difference between the FT-707's matching antenna tuner, the FC-707 and the remarkably similar looking FC-700 ? ?

Cheers
Dean, G7PFN

[Non-text portions of this message have been removed]

1232. Re: [FT-707] Re: Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2013-01-30 17:01:45 UTC
From: Curt Nixon
Topic: 1063 Message: 1232

If it is always running with high numbers and not in a scanning order, then it is the freq counter unlocked. THis can be a simple poor contact on a jumper or adjustment of the counter. Check to see if the rig is working otherwise--the freq display is only an add-on frequency counter. ie, it is not part of the sig generation or rx.

Curt
KU8L

On 1/30/2013 12:38 AM, Rod wrote:
>
>
>
> >
> > On Sun, Dec 18, 2011 at 5:46 PM, Dan wrote:
> > >
> > >
> > >
> > > Just got the FT-707 from a freind that didn't know anything about
> > > it. Hook everything up and flip her on. All the select buttons is
> > > off and set as op manual requested. The problem is that the
> > > freqency is non stop scanning of 91.14 so on. read the manual and
> > > don't see anything about this. Is the unit bad. I looked at utube
> > > and don't see this happed. Need help!!!
>
> Have another possible.
>
> Mine had a sticky "FIX" button and sometimes have the hit it a few
> times to get it to read properly.
>
> Please quote right, your moderator.
>
>

[Non-text portions of this message have been removed]

1233. Re: Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2013-01-30 18:18:37 UTC
From: allenbh57
Topic: 1063 Message: 1233

Might be as suggested also, a contact. Exercise the switches in Rx and see if that helps. Press down the headers and connectors on the boards.

Try the radio on TX on a dummy load, and does it receive OK? What about 10.000 WWV? Try a QSO with it, using the calibrator and analog dial. It sounds like it may be the counter ASIC in the frequency display/counter board, top front right corner.

I had to replace mine. It read odd numbers that had nothing to do with anything. The numbers you say are not "normal" display characters.

I posted info about an easy fix to that a couple weeks ago. You buy the replacement daughterboard and replace the ASIC, once you've narrowed it down. I used mine for nearly 2 years with the analog dial before I fixed the counter.

73,
Bill
AJ4TX

--- In FT-707@yahoogroups.com, Curt Nixon wrote:
>
> If it is always running with high numbers and not in a scanning order,
> then it is the freq counter unlocked. THis can be a simple poor contact
> on a jumper or adjustment of the counter. Check to see if the rig is
> working otherwise--the freq display is only an add-on frequency
> counter. ie, it is not part of the sig generation or rx.
>
> Curt
> KU8L
>
> On 1/30/2013 12:38 AM, Rod wrote:
> >
> >
> >
> > >
> > > On Sun, Dec 18, 2011 at 5:46 PM, Dan wrote:
> > > >
> > > >
> > > >
> > > > Just got the FT-707 from a freind that didn't know anything about
> > > > it. Hook everything up and flip her on. All the select buttons is
> > > > off and set as op manual requested. The problem is that the
> > > > freqency is non stop scanning of 91.14 so on. read the manual and
> > > > don't see anything about this. Is the unit bad. I looked at utube
> > > > and don't see this happed. Need help!!!
> >
> > Have another possible.

> >
> > Mine had a sticky "FIX" button and sometimes have the hit it a few
> > times to get it to read properly.
> >
> > Please quote right, your moderator.
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

1234. Re: Yaesu FT-707 scanning

Yahoo group: FT-707
Date: 2013-02-09 01:48:36 UTC
From: allenbh57
Topic: 1063 Message: 1234

Yes, Dean - excellent question!

-Bill AJ4TX

--- In FT-707@...m, "yorkscouts" wrote:
>
> Hi
>
> is the "VFO" LED lit? Is the "Fix" LED lit? (Above the VFO knob)
> If Fix is selected it will not lock to a frequency and scan about. This is a setting to allow you to install crystals for fixed channels. If no crystals are fitted it will float about.
>
> If the VFO LED is lit, mine does it if the band select switch is set to the setting between 10D and 80 meters. So it could be that switch.
> Dean G7PFN
>

1235. deaf radio in cw mode

Yahoo group: FT-707
Date: 2013-02-09 16:01:17 UTC
From: kb3hg
Topic: 1235 Message: 1235

I can hear in LSB, USB some noise in AM. CW is dead in receive. radio will load up with the tuner and I can see deflection on pwr /swr meter FC-707 , power in dummy load. Coax is LMR-400 to 14AVQ vertical with many radials for each band. I am thinking possibly antenna but it makes no sense. I have two 707s and both are doing the same thing. Ideas? Coax is about 1 year old and not weathered. Antenna is old 20 + years. no antenna analyzer here to use.

Tom Kb3hg

1236. Re: [FT-707] deaf radio in cw mode

Yahoo group: FT-707
Date: 2013-02-09 18:06:26 UTC
From: Dave
Topic: 1235 Message: 1236

On 09/02/2013 16:01, kb3hg wrote:
> I can hear in LSB, USB some noise in AM. CW is dead in receive. radio will load up with the tuner and I can see deflection on pwr /swr meter FC-707 , power in dummy load. Coax is LMR-400 to 14AVQ vertical with many radials for each band. I am thinking possibly antenna but it makes no sense. I have two 707s and both are doing the same thing. Ideas? Coax is about 1 year old and not weathered. Antenna is old 20 + years. no antenna analyzer here to use.
>
> Tom Kb3hg
Variable bandwidth set very narrow...
> t to:
> http://docs.yahoo.com/info/terms/
>

1237. Xtal wanted

Yahoo group: FT-707
Date: 2013-02-14 12:27:45 UTC
From: ei4dp
Topic: 1237 Message: 1237

Have just bought a 707, having owned a new one 30 years ago! However,some previous owner has changed the mix crystal on 40m band, so I need a 21.4845 MHz crystal(symbol number X3006,Part number H0102267) to restore the 40M band. Would anybody have a spare one to sell?
Any advice greatly appreciated.
Many Thanks

Ian EI4DP

1238. Re: [FT-707] Xtal wanted

Yahoo group: FT-707
Date: 2013-02-14 13:29:55 UTC
From: francesco messineo
Topic: 1237 Message: 1238

Hi Ian

On Thu, Feb 14, 2013 at 1:27 PM, ei4dp <ei4dp@...> wrote:
>
>
>
> Have just bought a 707, having owned a new one 30 years ago! However,some previous owner has changed the mix crystal on 40m band, so I need a 21.4845 MHz crystal(symbol number X3006,Part number H0102267) to restore the 40M band. Would anybody have a spare one to sell?

I had the same problem (along with many more) when I acquired my
FT-707S. I ordered the spare xtals directly from Yaesu USA, but it was
year 2000 so might be different now. It's worth a try in my opinion.

best 73
Frank IZ8DWF

1239. FT 707S gone DEAF since adding CW filter

Yahoo group: FT-707
Date: 2013-02-18 20:10:00 UTC
From: cd40105
Topic: 1239 Message: 1239

Hi, I had problems inserting a CW filter, the pins didn't like up. What did dissapoint me was the fact the rx side is poor now with such a loss of signal strength, maybe I'd better take this xtal filter out and go for something in the audio path?? a notch filter or two would certainly come in handy.

The PBT on the 707 isn't the real MC Coy, certainly different than I.F. shift which doesn't narrow the bandwith as with this dodge that Yaesu and Ten Tec added to their Corsair series of transceivers.

I have an ancient FT 101 Z with A 600 HZ filter, maybe the PSU filter capacitors are shot by now, either need replacing or re forming.
From what I remember with the 101Z I didn't lose the same ammount of signal when this CW filter was included in circuit 73 de ian G3YRQ.

1240. Re: [FT-707] FT 707S gone DEAF since adding CW filter

Yahoo group: FT-707
Date: 2013-02-18 22:40:42 UTC
From: W5COV
Topic: 1239 Message: 1240

Do you have the actual number of the filter to share with us ? A picture of the filter and where and how it is installed could prove very helpful.

Sounds like perhaps the wrong filter or incorrectly installed since you say the pins wouldn't line up .

Was the radio working before you installed the filter ?

Charlie , W5COV

---- cd40105 <cd40105@...> wrote:
> Hi, I had problems inserting a CW filter, the pins didn't like up. What did dissapoint me was the fact the rx side is poor now with such a loss of signal strength, maybe I'd better take this xtal filter out and go for something in the audio path?? a notch filter or two would certainly come in handy.
>
> The PBT on the 707 isn't the real MC Coy, certainly different than I.F. shift which doesn't narrow the bandwith as with this dodge that Yaesu and Ten Tec added to their Corsair series of transceivers.
>
> I have an ancient FT 101 Z with A 600 HZ filter, maybe the PSU filter capacitors are shot by now, either need replacing or re forming.
> From what I remember with the 101Z I didn't lose the same ammount of signal when this CW filter was included in circuit 73 de ian G3YRQ.
>

1241. Re: [FT-707] FT 707S gone DEAF since adding CW filter

Yahoo group: FT-707
Date: 2013-02-19 02:53:08 UTC
From: Thomas Carpenter
Topic: 1239 Message: 1241

Ian,
Does the receiver seem deaf in the wide CW position or just the narrow position? CW filter did you install? I have a narrow filter installed in one of my FT-707 I have two. until recently I had no deafness in cw narrow or wide no I do. But you should have the filtering effect noticeable difference to your audio. with out opening up the radio I want to say 250 Hz is my narrow filter. How are your solder joints where you installed the filter?

Tom Kb3hg

-----Original Message-----
From: cd40105 <cd40105@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Mon, Feb 18, 2013 3:29 pm
Subject: [FT-707] FT 707S gone DEAF since adding CW filter

Hi, I had problems inserting a CW filter, the pins didn't like up. What did dissapoint me was the fact the rx side is poor now with such a loss of signal strength, maybe I'd better take this xtal filter out and go for something in the audio path?? a notch filter or two would certainly come in handy.

The PBT on the 707 isn't the real MC Coy, certainly different than I.F. shift which doesn't narrow the bandwith as with this dodge that Yaesu and Ten Tec added to their Corsair series of transceivers.

I have an ancient FT 101 Z with A 600 HZ filter, maybe the PSU filter capacitors are shot by now, either need replacing or re forming.
From what I remember with the 101Z I didn't lose the same ammount of signal when this CW filter was included in circuit 73 de ian G3YRQ.

[Non-text portions of this message have been removed]

1242. Reply to Charlie W5COV and Thomas KB3HG ft707 CW filter

Yahoo group: FT-707
Date: 2013-02-19 15:59:20 UTC
From: cd40105
Topic: 1239 Message: 1242

Thanks to W5COV and KB3HG The filter I've added XF-9C with centre frequency 899.30K I have another one somewhere both came in sealed plastic bags, with mounting nuts and star type aluminium washers.

These XF-9C filters were a close out, with a well known UK dealer. The filters have been stored over 12 months, I had intentions of putting one of these CW filters in a ft707 which I'd been using just as a standby rx(the PA transistors were blown) and trying a QRP PA at a later date

I put the marker signal on in the wide CW rx position which gave me a 45 db over S9 signal, on the CW narrow position, the signal dropped so low, the S meter lit LEDS just vanished. I can still hear CW signal but oh so low in audio.

The oriantation of the filter is such as you can't put it in the wrong way round.

When I was putting together a Cumbria design X-Lock, they did warn about not cooking the Xtal pins, so I reckon I did a good job on the soldering of the filters pins, obviously you can't see inside the filter.

I wonder what value of resistance to expect between pins in and out on the filter in circuit..maybe there is a dry joint ???

73 de ian G3YRQ.

1243. Re: FT 707S gone DEAF since adding CW filter

Yahoo group: FT-707
Date: 2013-02-19 16:04:26 UTC
From: cd40105
Topic: 1239 Message: 1243

Hi Charlie, I've just composed a dual message to KB3HG, for you as well..yes the transceiver was working OK before the CW filter was added, and still is. The filter is a XF-9C 899.30 K.

73 ian g3yrq.

1244. Re: [FT-707] Reply to Charlie W5COV and Thomas KB3HG ft707 CW filter

Yahoo group: FT-707
Date: 2013-02-19 16:19:43 UTC
From: francesco messineo
Topic: 1239 Message: 1244

On Tue, Feb 19, 2013 at 4:59 PM, cd40105 <cd40105@...> wrote:
>
>
>
> Thanks to W5COV and KB3HG The filter I've added XF-9C with centre frequency 899.30K I have another one somewhere both came in sealed plastic bags, with mounting nuts and star type aluminium washers.
>
> These XF-9C filters were a close out, with a well known UK dealer. The filters have been stored over 12 months, I had intentions of putting one of these CW filters in a ft707 which I'd been using just as a standby rx(the PA transistors were blown) and trying a QRP PA at a later date
>
> I put the marker signal on in the wide CW rx position which gave me a 45 db over S9 signal, on the CW narrow position, the signal dropped so low, the S meter lit LEDS just vanished. I can still hear CW signal but oh so low in audio.

I just tried, the s-meter reading doesn't change between narrow and
wide CW setting (yes, I have a 500 Hz narrow cw filter fitted)
provided you tune the marker on the center of the CW narrow filter.

Maybe your filter is either not the right one for the FT-707 or it's broken?

GL es 73
Frank IZ8DWF

1245. Fw: FT 707S gone DEAF since adding CW filter

Yahoo group: FT-707
Date: 2013-02-19 16:40:18 UTC
From: Ian McGowan
Topic: 1245 Message: 1245

----- Original Message -----
From: Ian McGowan(sky)
To: FT-707@yahoogroups.com
Sent: Tuesday, February 19, 2013 4:38 PM
Subject: Re: FT 707S gone DEAF since adding CW filter

Ian, your problem is that the filter you have added is not compatible with the FT-707 which requires xtal filters with a centre frequency of 8987.5kHz.

See page 2-6 of the Maintenance Service Manual FT-707.

regards, Ian, G8OFZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.2238 / Virus Database: 2639/5614 - Release Date: 02/18/13

[Non-text portions of this message have been removed]

1246. Re: Reply to Charlie W5COV and Thomas KB3HG ft707 CW filter

Yahoo group: FT-707
Date: 2013-02-19 16:42:29 UTC
From: g8ofz
Topic: 1239 Message: 1246

Ian, your problem is that the filter you have added is not compatible with the FT-707 which requires xtal filters with a centre frequency of 8987.5kHz.

See page 2-6 of the Maintenance Service Manual FT-707.

regards, Ian, G8OFZ

--- In FT-707@yahoogroups.com, francesco messineo <francesco.messineo@...> wrote:
>
> On Tue, Feb 19, 2013 at 4:59 PM, cd40105 <cd40105@...> wrote:
> >
> >
> >
> > Thanks to W5COV and KB3HG The filter I've added XF-9C with centre frequency 899.30K I have another one somewhere both came in sealed plastic bags, with mounting nuts and star type aluminium washers.
> >
> > These XF-9C filters were a close out, with a well known UK dealer. The filters have been stored over 12 months, I had intentions of putting one of these CW filters in a ft707 which I'd been using just as a standby rx(the PA transistors were blown) and trying a QRP PA at a later date
> >
> > I put the marker signal on in the wide CW rx position which gave me a 45 db over S9 signal, on the CW narrow position, the signal dropped so low, the S meter lit LEDS just vanished. I can still hear CW signal but oh so low in audio.
>
> I just tried, the s-meter reading doesn't change between narrow and
> wide CW setting (yes, I have a 500 Hz narrow cw filter fitted)
> provided you tune the marker on the center of the CW narrow filter.
>
> Maybe your filter is either not the right one for the FT-707 or it's broken?
>
> GL es 73
> Frank IZ8DWF
>

1247. yep sounds like the filter is broken

Yahoo group: FT-707
Date: 2013-02-20 16:16:43 UTC
From: cd40105
Topic: 1239 Message: 1247

-OK guys, thank you for information..especially about no signal dropping when the CW filter is addesd, maybe its time to open up the filter once I get it out..73 de ian g3yrq.

1248. thanks info re centre frequency ft-707 xtal filter

Yahoo group: FT-707
Date: 2013-02-20 16:21:05 UTC
From: cd40105
Topic: 1239 Message: 1248

Ok thanks ian, well its a bit late to send the filters back, looks as though I'd better start looking at making some kind of audio CW filter.

thanks 73 de ian g3yrq.

1249. low power output on 40 mtrs

Yahoo group: FT-707
Date: 2013-02-21 09:58:00 UTC
From: terry
Topic: 1249 Message: 1249

according to my power meter , the o/p on 40mtrs is only 50 watts using cw and adjusting carrier level to the highest o/p

it appears ok on other bands

swr of antenna is 1.5:1

maybe its my power meter at fault but any ideas on the ft707

terry gm4dso

1250. Re: [FT-707] low power output on 40 mtrs

Yahoo group: FT-707
Date: 2013-02-21 14:34:40 UTC
From: Thomas Carpenter
Topic: 1249 Message: 1250

Terry,
Forgive me but I start at the basics, you are testing into a good dummy load not just an antenna. SWR says antenna to me. What is your current draw on 40 m vs 20 m. Do you have a copy of the Manual? It has some basic checks and power setup to reaD.

Tom kb3hg

-----Original Message-----
From: terry <terryhugheskirkcudbright@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Feb 21, 2013 7:41 am
Subject: [FT-707] low power output on 40 mtrs

according to my power meter , the o/p on 40mtrs is only 50 watts using cw and adjusting carrier level to the highest o/p

it appears ok on other bands

swr of antenna is 1.5:1

maybe its my power meter at fault but any ideas on the ft707

terry gm4dso

[Non-text portions of this message have been removed]

1251. low power on 40m

Yahoo group: FT-707
Date: 2013-02-21 15:22:57 UTC
From: terry
Topic: 1251 Message: 1251

hi
problem is a shortage of test equipment
i do not have a dummy load for more than about 10 watts so it has to be an antenna for 50 watts
curent draw is over the 10 amps max on my multimeter on all bands

i am going to boeeow a more accurate power meter to try again so watch this space

terry gm4dso

1252. low power on 4 mtre

Yahoo group: FT-707
Date: 2013-02-21 17:02:28 UTC
From: terry
Topic: 1252 Message: 1252

hi

not as much a problem as i thought

using a good pwr meter (borrowed) i get the following max power into the aerial using cw and the carrier level at max

7.0 = 100 w
7.2 = 80 w
14.0 = 110 w
14.35 = 110w
21.0 = 110w
21.45 = 110 w

aerial swr = 1.5:1

still a bit of a mystery why 7.2 is less than 7.0 but i can live with that

obviously my power meter is not that good. i have calibrated it against the borrowed on

thanks for the comments

terry gm4dso

1253. Re: [FT-707] low power on 4 mtre

Yahoo group: FT-707
Date: 2013-02-21 18:12:36 UTC
From: Thomas Carpenter
Topic: 1252 Message: 1253

Terry,
Glad you have a solution, swr @7.2 maybe higher. Sounds like a 4 band trap vertical. The total length may be a tad long for 40 Phone.
Tom kb3hg

-----Original Message-----
From: terry <terryhugheskirkcudbright@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Feb 21, 2013 12:13 pm
Subject: [FT-707] low power on 4 mtre

hi

not as much a problem as i thought

using a good pwr meter (borrowed) i get the following max power into the aerial using cw and the carrier level at max

7.0 = 100 w
7.2 = 80 w
14.0 = 110 w
14.35 = 110w
21.0 = 110w
21.45 = 110 w

aerial swr = 1.5:1

still a bit of a mystery why 7.2 is less than 7.0 but i can live with that

obviously my power meter is not that good. i have calibrated it against the borrowed on

thanks for the comments

terry gm4dso

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1254. Re: [FT-707] low power on 4 mtre

Yahoo group: FT-707
Date: 2013-02-21 17:37:48 UTC
From: Curt Nixon
Topic: 1252 Message: 1254

Sounds like the antenna is not as broadbanded as need be.

110W is EXACTLY where the 707 should be with 50 Ohms and no foldback
from ALC or temp.

Curt
KU8L

On 2/21/2013 12:02 PM, terry wrote:
>
> hi
>
> not as much a problem as i thought
>
> using a good pwr meter (borrowed) i get the following max power into
> the aerial using cw and the carrier level at max
>
> 7.0 = 100 w
> 7.2 = 80 w
> 14.0 = 110 w
> 14.35 = 110w
> 21.0 = 110w
> 21.45 = 110 w
>
> aerial swr = 1.5:1
>
> still a bit of a mystery why 7.2 is less than 7.0 but i can live with that
>
> obviously my power meter is not that good. i have calibrated it
> against the borrowed on
>
> thanks for the comments
>
> terry gm4dso
>
>

[Non-text portions of this message have been removed]

1255. low power on 4 mtre

Yahoo group: FT-707
Date: 2013-02-21 19:19:23 UTC
From: terry
Topic: 1252 Message: 1255

hi all
thanks for all the help

i think i now know whats wrong

i checked the swr carefully and at 7.0 it is 1:1 but at 7.2 it is 2.5:1

at centre band it is 1.5:1

the antenna are separate dipoles for each band so i will get out there and prune a bit off the 40 m dipole.

the swr on 20m and 15 m is higher but it does not seem to cut back the power as it does on 40m

strange but causes me no problem

i am not a beleiver in high power anyway.

terry gm4dso

1256. another problem

Yahoo group: FT-707
Date: 2013-02-21 19:27:57 UTC
From: terry
Topic: 1256 Message: 1256

hi again

i acquired this ft 707 second hand a few weeks ago.

somebody in the past has changed the 12m xtal for 27 mc/s probably for cb

to change it back to 24 mc/s is the only thing that i need to do is to change the xtal or are there any circuits to tune.

terry gm4dso

1257. Re: [FT-707] another problem

Yahoo group: FT-707
Date: 2013-02-27 03:07:35 UTC
From: Thomas Carpenter
Topic: 1256 Message: 1257

Terry,
The premix band pass filter should be gone over T1051 and T1052. page 33 of the manual 33.5 to 34 Mhz.
Also the RF band pass filter alignment T1016 and T1017 page 34 of the manual 25.5 to 26 Mhz.
Let us know how you make out.

-----Original Message-----
From: terry <terryhugheskirkcudbright@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Tue, Feb 26, 2013 5:39 pm
Subject: [FT-707] another problem

hi again

i acquired this ft 707 second hand a few weeks ago.

somebody in the past has changed the 12m xtal for 27 mc/s probably for cb

to change it back to 24 mc/s is the only thing that i need to do is to change
the xtal or are there any circuits to tune.

terry gm4dso

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1258. Re: [FT-707] another problem

Yahoo group: FT-707
Date: 2013-02-27 09:14:35 UTC
From: terry hughes
Topic: 1256 Message: 1258

hi
thanks for the info

just looked at the manual and i see that it needs a sweep generator which i don,t have

looks like i will have to find someone who does, or not bother with putting 24 mcs back

terry gm4dso

From: Thomas Carpenter <Kb3hg@...>
To: FT-707@yahoogroups.com
Sent: Wednesday, 27 February 2013, 3:07
Subject: Re: [FT-707] another problem

Terry,
The premix band pass filter should be gone over T1051 and T1052. page 33 of the manual 33.5 to 34 Mhz.
Also the RF band pass filter alignment T1016 and T1017 page 34 of the manual 25.5 to 26 Mhz.
Let us know how you make out.

-----Original Message-----
From: terry terryhugheskirkcudbright@...>
To: FT-707 FT-707@yahoogroups.com>
Sent: Tue, Feb 26, 2013 5:39 pm
Subject: [FT-707] another problem

hi again

i acquired this ft 707 second hand a few weeks ago.

somebody in the past has changed the 12m xtal for 27 mc/s probably for cb

to change it back to 24 mc/s is the only thing that i need to do is to change
the xtal or are there any circuits to tune.

terry gm4dso

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1259. Re: another problem

Yahoo group: FT-707
Date: 2013-02-27 17:24:36 UTC
From: technudge
Topic: 1256 Message: 1259

Here's how they probably did it:
http://www.cbtricks.com/pub/secret_cb/vol_10/graphics/secret_cb_vol_10_pg20_24.pdf

See if you can reverse engineer the process. Just needs a watt meter.
Yaesu is out of 10m crystals for the 707 (I think I bought the last four) but ICM can supply them.

Good luck,,,,

-O'B.
ex-KA2MKI

--- In FT-707@yahoogroups.com, "terry" <terryhugheskirkcudbright@...> wrote:
>
> hi again
>
> i acquired this ft 707 second hand a few weeks ago.
>
> somebody in the past has changed the 12m xtal for 27 mc/s probably for cb
>
> to change it back to 24 mc/s is the only thing that i need to do is to change the xtal or are there any circuits to tune.
>
> terry gm4dso
>

1260. Re: [FT-707] Re: another problem

Yahoo group: FT-707
Date: 2013-02-27 18:31:28 UTC
From: terry hughes
Topic: 1256 Message: 1260

hi

thanks for the info

looks easier than the manual
no sweep generator needed

i can get the crystal from a uk supplier no problem

this is not my most urgent project cos 24 mcs is not yet dx worthy

i note that the pdf file uses 10 mtre slots but in my rig it is the 12 metre slot but same principles i guess

bye terry gm4dso

From: technudge <hardedge@...>
To: FT-707@yahoogroups.com
Sent: Wednesday, 27 February 2013, 17:24
Subject: [FT-707] Re: another problem

Here's how they probably did it:
http://www.cbtricks.com/pub/secret_cb/vol_10/graphics/secret_cb_vol_10_pg20_24.pdf

See if you can reverse engineer the process. Just needs a watt meter.
Yaesu is out of 10m crystals for the 707 (I think I bought the last four) but ICM can supply them.

Good luck,,,,

-O'B.
ex-KA2MKI

--- In FT-707@yahoogroups.com, "terry" wrote:
>
> hi again
>
> i acquired this ft 707 second hand a few weeks ago.
>
> somebody in the past has changed the 12m xtal for 27 mc/s probably for cb
>
> to change it back to 24 mc/s is the only thing that i need to do is to change the xtal or are there any circuits to tune.
>
> terry gm4dso
>

[Non-text portions of this message have been removed]

1261. Re: another problem

Yahoo group: FT-707
Date: 2013-02-28 14:19:38 UTC
From: technudge
Topic: 1256 Message: 1261

With all of the deference needed for the word, the general procedure "should" be the same except for the trimmers you'll need to adjust. In my rig, 10A, 10B, and 10C had been replaced.

-O'B.

--- In FT-707@yahoogroups.com, terry hughes <terryhugheskirkcudbright@...> wrote:
>
> hi
>
> thanks for the info
>
> looks easier than the manual
> no sweep generator needed
>
> i can get the crystal from a uk supplier no problem
>
> this is not my most urgent project cos 24 mcs is not yet dx worthy
>
> i note that the pdf file uses 10 mtre slots but in my rig it is the 12 metre slot but same principles i guess
>
> bye terry gm4dso
>
>
>
>
>
> _____
> From: technudge <hardedge@...>
> To: FT-707@yahoogroups.com
> Sent: Wednesday, 27 February 2013, 17:24
> Subject: [FT-707] Re: another problem
>
>
> Â
> Here's how they probably did it:
> http://www.cbtricks.com/pub/secret_cb/vol_10/graphics/secret_cb_vol_10_pg20_24.pdf
>
> See if you can reverse engineer the process. Just needs a watt meter.
> Yaesu is out of 10m crystals for the 707 (I think I bought the last four) but ICM can supply them.
>
> Good luck,,,,
>

> -O'B.
> ex-KA2MKI
>
> --- In FT-707@yahoogroups.com, "terry" wrote:
> >
> > hi again
> >
> > i acquired this ft 707 second hand a few weeks ago.
> >
> > somebody in the past has changed the 12m xtal for 27 mc/s probably for cb
> >
> > to change it back to 24 mc/s is the only thing that i need to do is to change the xtal or are there any circuits to tune.
> >
> > terry gm4dso
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

1262. Re: another problem

Yahoo group: FT-707
Date: 2013-03-08 20:46:48 UTC
From: terry
Topic: 1256 Message: 1262

hi again

did you mean t1044 t1045 on page 33 table 5 and t1025 t1026 24.5 to 25 on page 34 table 7

73 terry gm4dso

--- In FT-707@yahoogroups.com, Thomas Carpenter <Kb3hg@...> wrote:
>
> Terry,
> The premix band pass filter should be gone over T1051 and T1052. page 33 of the manual 33.5 to 34 Mhz.
> Also the RF band pass filter alignment T1016 and T1017 page 34 of the manual 25.5 to 26 Mhz.
> Let us know how you make out.
>
>
>
> -----Original Message-----
> From: terry <terryhugheskirkcudbright@...>
> To: FT-707 <FT-707@yahoogroups.com>
> Sent: Tue, Feb 26, 2013 5:39 pm
> Subject: [FT-707] another problem
>
>
> hi again
>
> i acquired this ft 707 second hand a few weeks ago.
>
> somebody in the past has changed the 12m xtal for 27 mc/s probably for cb
>
> to change it back to 24 mc/s is the only thing that i need to do is to change
> the xtal or are there any circuits to tune.
>
> terry gm4dso
>
>
>
>
>
>
>
> ------------------------------------
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links

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>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1263. Re: [FT-707] Re: another problem

Yahoo group: FT-707
Date: 2013-03-08 22:17:00 UTC
From: Thomas Carpenter
Topic: 1256 Message: 1263

Terry Gm4dso,

From my table 5 I answered the question where the xtal was in the 12 m position which would have likely mean that the two 12 meter transformers 1051 and 1052 were probably adjusted up in frequency band pass. T7 page 34 T1032 and T1033 tnx . My bad, that was for rcv, T1016 and T1017.New glasses are not in yet. Be sure to read the follow up email that was sent about the time of the first response. It was good information also.

Tom Kb3hg

-----Original Message-----
From: terry <terryhugheskirkcudbright@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, Mar 8, 2013 3:50 pm
Subject: [FT-707] Re: another problem

hi again

did you mean t1044 t1045 on page 33 table 5 and t1025 t1026 24.5 to 25 on page 34 table 7

73 terry gm4dso

--- In FT-707@yahoogroups.com, Thomas Carpenter <Kb3hg@...> wrote:
>
> Terry,
> The premix band pass filter should be gone over T1051 and T1052. page 33 of the manual 33.5 to 34 Mhz.
> Also the RF band pass filter alignment T1016 and T1017 page 34 of the manual 25.5 to 26 Mhz.
> Let us know how you make out.
>
>
>
> -----Original Message-----
> From: terry <terryhugheskirkcudbright@...>
> To: FT-707 <FT-707@yahoogroups.com>
> Sent: Tue, Feb 26, 2013 5:39 pm
> Subject: [FT-707] another problem
>
>
> hi again
>
> i acquired this ft 707 second hand a few weeks ago.
>
> somebody in the past has changed the 12m xtal for 27 mc/s probably for cb
>

> to change it back to 24 mc/s is the only thing that i need to do is to change
> the xtal or are there any circuits to tune.
>
> terry gm4dso
>
>
>
>
>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1265. Sell and Buy

Yahoo group: FT-707
Date: 2013-03-13 19:25:25 UTC
From: pe1rea
Topic: 1265 Message: 1265

For those who want to sell or buy, but specially the sellers, understands that this is an /international/ group.
We have worldwide members.
So selling a rig only in the USA,.....
You understand me?

Jinny, your moderator.

1266. Re: FS: FT-707 Works Perfect

Yahoo group: FT-707
Date: 2013-03-13 19:43:58 UTC
From: captcurt2000
Topic: 1264 Message: 1266

I WILL sell this international But will only split shipping for US shipment. Sorry for any confusion--just cant agree to unknow shipping amounts to offshore destinations. Contact me and we can work out agreeable terms for shipping.

Curt

--- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@...> wrote:
>
> GM List:
>
> Have for sale another one of my collection of rigs. THe FT-707 is a perfect rig for a newcomer to HF, the summer cottage, or occasion portable operation. THese rigs are built like tanks and share the PA and VFO design with the high-end Yaesu rigs of the time. Display is rock solid, right on frequency and the SSB injection and ALC has been recently touched up. SOunds great--works FB. Minor scapes and scrubs on case but no effort to cover up or re-finish. Front panel is near perfect--bright display and all lights. Smooth VFO.
>
> Picture album here:
https://picasaweb.google.com/captcurt08/FT707?authkey=Gv1sRgCIW9saDbsYzvkQE
>
> $375 and split Fedex shipping to lower 48
>
> Paypal, USPS MO or other certified funds.
>
> Curt
> KU8L
> Michigan
>

1267. Re: Sell and Buy

Yahoo group: FT-707
Date: 2013-03-13 23:45:36 UTC
From: David Christmas
Topic: 1265 Message: 1267

That sure is right Jinny (David VK4DJC Australia)

[Non-text portions of this message have been removed]

1268. Re: FS: FT-707 Works Perfect

Yahoo group: FT-707
Date: 2013-03-14 14:12:54 UTC
From: technudge
Topic: 1264 Message: 1268

Just the radio, power cable, and mic? No 160M or FM? Any filters installed?

-O'B.

edit from the mods.....
The 707 has no 160 M and no FM in his original configuration.
If it is on the rig, someone has used his solderingkit.

Jinny, your moderator

--- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@...> wrote:
>
> GM List:
>
> Have for sale another one of my collection of rigs. THe FT-707 is a perfect rig for a newcomer to HF, the summer cottage, or occasion portable operation. THese rigs are built like tanks and share the PA and VFO design with the high-end Yaesu rigs of the time. Display is rock solid, right on frequency and the SSB injection and ALC has been recently touched up. SOunds great--works FB. Minor scapes and scrubs on case but no effort to cover up or re-finish. Front panel is near perfect--bright display and all lights. Smooth VFO.
>
> Picture album here:
https://picasaweb.google.com/captcurt08/FT707?authkey=Gv1sRgCIW9saDbsYzvkQE
>
> $375 and split Fedex shipping to lower 48
>
> Paypal, USPS MO or other certified funds.
>
> Curt
> KU8L
> Michigan
>

1269. Re: [FT-707] Re: FS: FT-707 Works Perfect

Yahoo group: FT-707
Date: 2013-03-14 15:11:27 UTC
From: Curt Nixon
Topic: 1264 Message: 1269

Stock 707....no mic. No FM, no 160M.

Curt

On 3/14/2013 10:12 AM, technudge wrote:
>
> Just the radio, power cable, and mic? No 160M or FM? Any filters
> installed?
>
> -O'B.
>
> edit from the mods.....
> The 707 has no 160 M and no FM in his original configuration.
> If it is on the rig, someone has used his solderingkit.
>
> Jinny, your moderator
>
> --- In FT-707@yahoogroups.com <mailto:FT-707%40yahoogroups.com>,
> "captcurt2000" <captcurt@...> wrote:
> >
> > GM List:
> >
> > Have for sale another one of my collection of rigs. THe FT-707 is a
> perfect rig for a newcomer to HF, the summer cottage, or occasion
> portable operation. THese rigs are built like tanks and share the PA
> and VFO design with the high-end Yaesu rigs of the time. Display is
> rock solid, right on frequency and the SSB injection and ALC has been
> recently touched up. SOunds great--works FB. Minor scapes and scrubs
> on case but no effort to cover up or re-finish. Front panel is near
> perfect--bright display and all lights. Smooth VFO.
> >
> > Picture album here:
> https://picasaweb.google.com/captcurt08/FT707?authkey=Gv1sRgCIW9saDbsYzvkQE
> >
> > $375 and split Fedex shipping to lower 48
> >
> > Paypal, USPS MO or other certified funds.
> >
> > Curt
> > KU8L
> > Michigan
> >
>
>

[Non-text portions of this message have been removed]

1270. pic's needed

Yahoo group: FT-707
Date: 2013-03-16 04:00:21 UTC
From: Jim
Topic: 1270 Message: 1270

does anyone have pic's of the foil side of the RF, AF, and IF boards? I just purchased a FT-707 that was butchered by a CB'er cut n fling..

thanks Jim

1271. 10 meter xtal's search

Yahoo group: FT-707
Date: 2013-03-21 16:13:05 UTC
From: chiccotto63
Topic: 1271 Message: 1271

Hi to all.
I have a beautiful ft-707 with the CB xtal's :-(on two 10 meter bands (A-B) and a empty position on D.
I would replace and rebuild the original four bands for 10 meters (28 - 29.9 Mhz).
Where I can find the three xtals?
There is someone that have it, also used?
Thanks
'73 from Italy
IZ0QRK (ex IW0CJZ)
Francesco

1272. Re: 10 meter xtal's search

Yahoo group: FT-707
Date: 2013-03-21 17:14:50 UTC
From: pe1rea
Topic: 1271 Message: 1272

--- In FT-707@yahoogroups.com, "chiccotto63" <chiccotto63@...> wrote:
>
> Hi to all.
> I have a beautiful ft-707 with the CB xtal's :-(on two 10 meter bands (A-B) and a empty position on D.
> I would replace and rebuild the original four bands for 10 meters (28 - 29.9 Mhz).
> Where I can find the three xtals?
> There is someone that have it, also used?
> Thanks
> '73 from Italy
> IZ0QRK (ex IW0CJZ)
> Francesco

Maybe You can try http://www.klove.nl/ they make them.
In olderdays they are in the Netherlands, but now the are Belgium

1273. Re: [FT-707] 10 meter xtal's search

Yahoo group: FT-707
Date: 2013-03-21 17:14:29 UTC
From: francesco messineo
Topic: 1271 Message: 1273

Ciao Francesco :-)

On Thu, Mar 21, 2013 at 5:13 PM, chiccotto63 <chiccotto63@...> wrote:
>
>
>
> Hi to all.
> I have a beautiful ft-707 with the CB xtal's :-(on two 10 meter bands (A-B) and a empty position on D.
> I would replace and rebuild the original four bands for 10 meters (28 - 29.9 Mhz).
> Where I can find the three xtals?

this is a common problem with ALL the FT-707 that I've seen so far.
I ordered spare original xtals from Yaesu USA, but it was year 1999
when I repaired my FT-707S, I think I read that now they are out of
spares for those xtals.
One option is finding them from a parts unit (unlikely) or having them
custom made by a xtal manufacturer or check on ebay maybe.

73
Frank IZ8DWF

1274. CW FILTER FT-707S

Yahoo group: FT-707
Date: 2013-03-23 22:11:54 UTC
From: w5cov
Topic: 1274 Message: 1274

Can anyone tell me where to locate the pertinent information on the narrow filter for the 707S ? I imagine the factory accessory one is pretty rare these days and therefore so expensive as to be out of my budget range .

I am a QRP CW operator and at times a sharper filter would help .

Thanks.

Charlie , W5COV

1275. need scans of boards

Yahoo group: FT-707
Date: 2013-03-27 09:57:50 UTC
From: Jim
Topic: 1275 Message: 1275

I need pic's or scans of the foil side of the RF, AF and IF boards

1276. Re: CW FILTER FT-707S

Yahoo group: FT-707
Date: 2013-04-18 22:16:34 UTC
From: captcurt2000
Topic: 1274 Message: 1276

I Have one just found, for sale

http://pub16.bravenet.com/classified/show.php?usernum=1314374680&cp=1

KU8L

--- In FT-707@yahoogroups.com, "w5cov" <cvest@...> wrote:
>
> Can anyone tell me where to locate the pertinent information on the narrow filter for the 707S ? I imagine the factory accessory one is pretty rare these days and therefore so expensive as to be out of my budget range .
>
> I am a QRP CW operator and at times a sharper filter would help .
>
> Thanks.
>
> Charlie , W5COV
>

1277. Re: FS: FT-707 Works Perfect

Yahoo group: FT-707
Date: 2013-04-18 22:17:58 UTC
From: captcurt2000
Topic: 1264 Message: 1277

RIG HAS BEEN SOLD..

--- In FT-707@yahoogroups.com, "captcurt2000" <captcurt@...> wrote:
>
> GM List:
>
> Have for sale another one of my collection of rigs. THe FT-707 is a perfect rig for a newcomer to HF, the summer cottage, or occasion portable operation. THese rigs are built like tanks and share the PA and VFO design with the high-end Yaesu rigs of the time. Display is rock solid, right on frequency and the SSB injection and ALC has been recently touched up. SOunds great--works FB. Minor scapes and scrubs on case but no effort to cover up or re-finish. Front panel is near perfect--bright display and all lights. Smooth VFO.
>
> Picture album here:
https://picasaweb.google.com/captcurt08/FT707?authkey=Gv1sRgCIW9saDbsYzvkQE
>
> $375 and split Fedex shipping to lower 48
>
> Paypal, USPS MO or other certified funds.
>
> Curt
> KU8L
> Michigan
>

1278. Re: FT 707S gone DEAF since adding CW filter

Yahoo group: FT-707
Date: 2013-04-18 22:21:02 UTC
From: captcurt2000
Topic: 1239 Message: 1278

FWIW:

With the proper filter, there is no noticeable gain drop in Narrow...

KU8L

--- In FT-707@yahoogroups.com, "cd40105" <cd40105@...> wrote:
>
> Hi, I had problems inserting a CW filter, the pins didn't like up. What did dissapoint me was the fact the rx side is poor now with such a loss of signal strength, maybe I'd better take this xtal filter out and go for something in the audio path?? a notch filter or two would certainly come in handy.
>
> The PBT on the 707 isn't the real MC Coy, certainly different than I.F. shift which doesn't narrow the bandwith as with this dodge that Yaesu and Ten Tec added to their Corsair series of transceivers.
>
> I have an ancient FT 101 Z with A 600 HZ filter, maybe the PSU filter capacitors are shot by now, either need replacing or re forming.
> From what I remember with the 101Z I didn't lose the same ammount of signal when this CW filter was included in circuit 73 de ian G3YRQ.
>

1279. Selling ft707

Yahoo group: FT-707
Date: 2013-04-28 08:32:55 UTC
From: Robert
Topic: 1279 Message: 1279

Hi All.

Thinking about selling the old trusted 707, but not sure what it will be worth..Any ideas.

Rob

[Non-text portions of this message have been removed]

1280. Re: another problem

Yahoo group: FT-707
Date: 2013-04-30 08:18:25 UTC
From: terry
Topic: 1256 Message: 1280

hello again

i have just come back to this project after a long holiday

i have ordered a crystal

there appears two different rf boards, mine is pb 2201.

the schematic is shown in the tech manual but it looks like the layout picture is the older one

are the transformer numbers in table 3-3 and 3-5 for the later board ie pb 2201 or the older one ie pb 2095

do you have a layout for pb 2201 and what are the numbers of the transformers for 12 mtrs

terry

--- In FT-707@yahoogroups.com, Thomas Carpenter wrote:
>
> Terry,
> The premix band pass filter should be gone over T1051 and T1052. page 33 of the manual 33.5 to 34 Mhz.
> Also the RF band pass filter alignment T1016 and T1017 page 34 of the manual 25.5 to 26 Mhz.
> Let us know how you make out.
>
>
>
> -----Original Message-----
> From: terry terryhugheskirkcudbright@...
> To: FT-707 FT-707@yahoogroups.com
> Sent: Tue, Feb 26, 2013 5:39 pm
> Subject: [FT-707] another problem
>
>
> hi again
>
> i acquired this ft 707 second hand a few weeks ago.
>
> somebody in the past has changed the 12m xtal for 27 mc/s probably for cb
>
> to change it back to 24 mc/s is the only thing that i need to do is to change
> the xtal or are there any circuits to tune.

>
> terry gm4dso
>
>
>
>
>
>
>
> ---
>
> Yaesu-Musen Radios: Quality all around!
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1282. Re: To repair or not to repair that is the question

Yahoo group: FT-707
Date: 2013-04-30 16:59:53 UTC
From: terry
Topic: 1044 Message: 1282

hi dave

i have found your group note about the rf board

my one is the pb2201

but the manual gives tune up details for the older board

the transformer numbers in the tables appears to be for the older version and the layout showing location of the transformers appears to be the older version

i need to re tune the 12 mtr band because somebody had converted it to cb

i have ordered the crystal and the af board is clear

do you know where i can get layout and transformer numbers for pb 2201

terry gm4dso

--- In FT-707@yahoogroups.com, "al7ak_9" <google@...> wrote:
>
> Thanks very much. I will check for your points below. I think this makes up my mind. IF it is the newer version I will get it fixed if not I will give it a good burial. JA2SVZ says that the display chip also had two versions and the later did not have the problems of the earlier version.
>
> --- In FT-707@...m, "Dave" <dave.g4ugm@> wrote:
> >
> > The serial numbers will tell you, but if you take the top off early models
> > have two rows of coil cans down the Left hand side and one row down the
> > right. Later models have two rows down both sides. On early models the cans
> > are in straight lines, in later models the are in wavy lines. The early PCB
> > is marked PB2093A on later models its PB2201.
> >
> > Dave
> > G4UGM
> >
>

1283. Re: [FT-707] Transmitting

Yahoo group: FT-707
Date: 2013-05-17 18:51:17 UTC
From: Honey Green
Topic: 1192 Message: 1283

Curt
 I did try the light bulb and got no light.Think i damaged the radio when i keyed up using the antenna.Yes it was a external tuner.
Thanks Curt
Lynn kc7fzc

From: Curt Nixon <captcurt@...>
To: FT-707@yahoogroups.com
Cc: honeygreen3 <honeygreen3@...>
Sent: Saturday, December 15, 2012 4:03 PM
Subject: Re: [FT-707] Transmitting

A few things could do that. You do mean the reflected needle on the tuner?

Possibilities:

really bad antenna.

broken fwd metering circuit in the tuner.

You might try a cheap and simple external SWR meter.

or:P If the tuner has a "direct" or straight thru setting, use that and switch the input and output connections to see if the other meter reads at all.

Be careful and use only very low power for this to protect the meters.

Do you have a dummy load?

You could try the old 100W incandescent bulb as a dummy load. It should tell you if meters are working because they will definitely take power.

Finally, does it do this on all bands?

Curt
KU8L

On 12/15/2012 4:50 PM, honeygreen3 wrote:
>
> Ft-707 groups
> When i transmit only the reflected power needle on my antenna moves.
> Tuner is MFJ-941E.Hope in not to vague.
> Lynn kc7fzc
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1284. Re: [FT-707] Transmitting

Yahoo group: FT-707
Date: 2013-05-17 23:39:08 UTC
From: Thomas Carpenter
Topic: 1192 Message: 1284

Lynn,
Did you watch the PO bar graph meter on the radio.. Is your power supply metered? what is the current draw on TX, MOX lowest drive?

A light bulb on Transistors ?

P= I x E
100 = 120 volts rms x I
.83 = I
R = E/I
144=120 / 0.833

144 ohms would yield about 3:1 swr cold R drops with heat

100/12 = 8.33
12 / 8.33 = 14.4 ohms
again better than 3 :1 swr (3 x 17 = 51)
both yield fold back or are supposed too
look at your ALC readings

I suggest you contact another local ham and try his coax/ ant at his location if you don't have a dummy load. Its the weekend jumping on a repeater and asking for help will yield results also. remember test at lower drive settings.

Tom Kb3hg

-----Original Message-----
From: Honey Green <honeygreen3@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, May 17, 2013 2:59 pm
Subject: Re: [FT-707] Transmitting

Curt
I did try the light bulb and got no light.Think i damaged the radio when i keyed up using the antenna.Yes it was a external tuner.
Thanks Curt
Lynn kc7fzc

_____
From: Curt Nixon <captcurt@...>
To: FT-707@yahoogroups.com
Cc: honeygreen3 <honeygreen3@...>
Sent: Saturday, December 15, 2012 4:03 PM
Subject: Re: [FT-707] Transmitting

A few things could do that. You do mean the reflected needle on the tuner?

Possibilities:

really bad antenna.

broken fwd metering circuit in the tuner.

You might try a cheap and simple external SWR meter.

or:P If the tuner has a "direct" or straight thru setting, use that and switch the input and output connections to see if the other meter reads at all.

Be careful and use only very low power for this to protect the meters.

Do you have a dummy load?

You could try the old 100W incandescent bulb as a dummy load. It should tell you if meters are working because they will definitely take power.

Finally, does it do this on all bands?

Curt
KU8L

On 12/15/2012 4:50 PM, honeygreen3 wrote:
>
> Ft-707 groups
> When i transmit only the reflected power needle on my antenna moves.
> Tuner is MFJ-941E.Hope in not to vague.
> Lynn kc7fzc
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yaesu-Musen Radios: Quality all around!

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1285. Output problems

Yahoo group: FT-707
Date: 2013-07-09 19:17:47 UTC
From: quintingee
Topic: 1285 Message: 1285

My first ever try at transmitting since I bought the 707 many years ago.
I was given a Yaesu YM-47 mike but it produced no output on my external SWR meter. Took it apart and there was no mike element!
Then tried a Yaesu MH-1 also donated, but this produces little output and only when i shout into it.
The Manual suggests I try a YM-35 -36 or -37 but the usual emporia do not seem to stock these old models. Any suggestions where I can sourvce a working microphone? I should I buy a new mike and re-wire it?

1286. Want: FP 707 power supply and mic

Yahoo group: FT-707
Date: 2013-07-23 00:47:18 UTC
From: boston_boy_1984
Topic: 1286 Message: 1286

i would like to get a power supply and mic for my ft 707. anyone here have either or both for sale?

1287. BHI DSP

Yahoo group: FT-707
Date: 2013-08-11 20:00:36 UTC
From: Pronto. (Military)
Topic: 1287 Message: 1287

Has anyone added a Bhi DSP to the 707?
If so, please give details .
Jim VE3DDY

1288. Odd frequency display

Yahoo group: FT-707
Date: 2013-08-12 13:01:22 UTC
From: vk2frnk
Topic: 1288 Message: 1288

Heres an odd one.
Start to transmit on 40M tonight and as im speaking the freq display is dropping dow to around 6.8mhz from around 7.1.
this wasnt happening on any other band.
Any thoughts?
Antenna "could" (probably is) a tad cruddy on 40.
Is it something to do with the antenna do you think?
2nd thing is im using a low current (12A) supply. However only running at a max of 10W so i would imagine the current available is ok.
This is the first time this has happened.

thoughts anyone. have all the manuals schems etc ready for a hunt.

cheers

Frank
vk2frnk

1289. Re: [FT-707] Odd frequency display

Yahoo group: FT-707
Date: 2013-08-12 21:19:44 UTC
From: Curt Nixon
Topic: 1288 Message: 1289

Hi Frank:

As you know, the freq readout on the 707 is simply a counter...no control over the actual operating frequency.

The 12A supply SHOULD be enough for 10W out but you might check to see if the input voltage is sagging in Tx just to be sure.

It also could be RF on the rig. Be sure a good ground is attached to the rig and you could try some ferrite suppressors on the power leads and or a bead or coil choke on the feedline. If it is only happening on 40, I would bet on the RF problem.

Just my thoughts here..

Curt
KU8L

On 8/12/2013 9:01 AM, vk2frnk wrote:
>
> Heres an odd one.
> Start to transmit on 40M tonight and as im speaking the freq display
> is dropping dow to around 6.8mhz from around 7.1.
> this wasnt happening on any other band.
> Any thoughts?
> Antenna "could" (probably is) a tad cruddy on 40.
> Is it something to do with the antenna do you think?
> 2nd thing is im using a low current (12A) supply. However only running
> at a max of 10W so i would imagine the current available is ok.
> This is the first time this has happened.
>
> thoughts anyone. have all the manuals schems etc ready for a hunt.
>
> cheers
>
> Frank
> vk2frnk
>
>

[Non-text portions of this message have been removed]

1290. Re: Odd frequency display

Yahoo group: FT-707
Date: 2013-08-12 21:23:51 UTC
From: David Lisney
Topic: 1288 Message: 1290

Hi, my FT707 does similar in some conditions, does not like RF on the power leads. Your power supply is probably on the ragged edge even for low power.
Try comparable power into a dummy load, that would expose the common mode current from bad antenna if it then behaves,

73 de David G0FVT

Sent from my iPad

1291. Re: [FT-707] Odd frequency display

Yahoo group: FT-707
Date: 2013-08-12 23:20:32 UTC
From: Frank Scott
Topic: 1288 Message: 1291

Thank you all so much. It was RF into the power leads. Once i put a few beads over it the problem stopped.
Chalk up another success for the group elmers !!

thanks again

de frank vk2frnk

[Non-text portions of this message have been removed]

1292. Re: [FT-707] Odd frequency display

Yahoo group: FT-707
Date: 2013-08-12 21:56:30 UTC
From: Ian Wells
Topic: 1288 Message: 1292

I had a customer come in and his ft707 drifted wildly and after resoldering the vco motherboard the drifting problem settled very well with .0001 or 0002 drift .I also found the lsb was off frequency .USB and cw was perfect after resoldering the lsb crystal it seems to be on frequency now and working well .The instructional on aligning the setting points on the USB and lsb very hard to understand in the service manual but I must have it correct as I have received reports of being on frequency .hopes this helps

Thank You ,Ian Wells
Kerinvale Comaudio,
3A Murchison Street, Biloela.4715
Ph 0749922449 Mb 0409159932
Hm 0749922574 Fx 0749922767
www.kerinvalecomaudio.com.au

-------Original Message-------

From: Curt Nixon
Date: 13/08/2013 7:24:03 AM
To: FT-707@yahoogroups.com
Cc: vk2frnk
Subject: Re: [FT-707] Odd frequency display

Hi Frank:

As you know, the freq readout on the 707 is simply a counter...no control over the actual operating frequency.

The 12A supply SHOULD be enough for 10W out but you might check to see if the input voltage is sagging in Tx just to be sure.

It also could be RF on the rig. Be sure a good ground is attached to the rig and you could try some ferrite suppressors on the power leads and or a bead or coil choke on the feedline. If it is only happening on 40, I would bet on the RF problem.

Just my thoughts here..

Curt
KU8L

On 8/12/2013 9:01 AM, vk2frnk wrote:
>
> Heres an odd one.
> Start to transmit on 40M tonight and as im speaking the freq display
> is dropping dow to around 6.8mhz from around 7.1.
> this wasnt happening on any other band.

> Any thoughts?
> Antenna "could" (probably is) a tad cruddy on 40.
> Is it something to do with the antenna do you think?
> 2nd thing is im using a low current (12A) supply. However only running
> at a max of 10W so i would imagine the current available is ok.
> This is the first time this has happened.
>
> thoughts anyone. have all the manuals schems etc ready for a hunt.
>
> cheers
>
> Frank
> vk2frnk
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1293. swr monitor?

Yahoo group: FT-707
Date: 2013-08-28 00:17:14 UTC
From: boston_boy_1984
Topic: 1293 Message: 1293

is there a way to monitor swr from the ft 707 itself?

1294. vco drift

Yahoo group: FT-707
Date: 2013-08-28 03:21:20 UTC
From: kerinvalecomaudio
Topic: 1294 Message: 1294

hi guys again .after resoldering the vco motherboard the vco doesn't drift any where as much as it first did however it still drifts fractionally . on receive it can receive on frequency but on transmitt it seems to drift 100 hz i have been told .are there any improvements to stop it drifting
thanks ian

1295. Re: vco drift

Yahoo group: FT-707
Date: 2013-08-31 03:16:08 UTC
From: Rod
Topic: 1294 Message: 1295

Here's another small fix.
There is a small 2 wire connector that goes from the VFO to the left side of the radio. It's actually J07 on the PB-2093 board. On mine, the wires and pins needed cleaned and re-soldered badly. After I did so, my drift is about the same as you were saying. This wire set can also loose contact and cause the display to go to the 91.000.0 display problem everyone keeps asking for help on.

--- In FT-707@yahoogroups.com, "kerinvalecomaudio" <kerincom@...> wrote:
>
> hi guys again .after resoldering the vco motherboard the vco doesn't drift any where as much as it first did however it still drifts fractionally . on receive it can receive on frequency but on transmitt it seems to drift 100 hz i have been told .are there any improvements to stop it drifting
> thanks ian
>

1296. WTB 707

Yahoo group: FT-707
Date: 2013-09-17 09:51:36 UTC
From: <sv2dfu@...>
Topic: 1296 Message: 1296

Hi, everyone. Just joined the group and I appreciate the information available.
Is there any chance, a good 707 is out there looking for a new home.
Sadly, due to customs problem, I am looking only for someone within Europe.
Thanks and nice to be here

Peter sv2dfu

1297. Dropping SSB output on FT707

Yahoo group: FT-707
Date: 2013-09-02 02:53:50 UTC
From: <comwright@...>
Topic: 1297 Message: 1297

Greetings Folks .... Have aquired a FT707 in VGC. Wish to drop the SSB OP to about 40W (Neighbour proximity problems)...Tried a mod with an add on board a RL & diodes. there was a cct error with the diode across the Relay. Did not work.
Also tried WB2WIK mod....with v:limited success. These were all mods from about 10 years ago.   I took the mods at face value without tracing the actual circuits.....
Any ideas or suggestions, updates etc?? ..... Have trawled the internet without any luck.   Wandering if the reverse ALC & ALC lines to the IF board can be wound up ??   Appreciate any helpful comment or advice.
Best regards.... Derrick Wright   de VK6PI.

1298. RE: WTB 707

Yahoo group: FT-707
Date: 2013-09-17 11:19:31 UTC
From: <willem.van.strik@...>
Topic: 1296 Message: 1298

They regularly turn up at ebay.de, ebay.co.uk or the dutch marktplaats.nl. A good one is priced somewhere between 175-300 euro.

--- In FT-707@yahoogroups.com, <ft-707@yahoogroups.com> wrote:

Hi, everyone. Just joined the group and I appreciate the information available.
Is there any chance, a good 707 is out there looking for a new home.
Sadly, due to customs problem, I am looking only for someone within Europe.
Thanks and nice to be here

Peter sv2dfu

1299. RE: Selling ft707

Yahoo group: FT-707
Date: 2013-09-18 16:44:17 UTC
From: <sv2dfu@...>
Topic: 1279 Message: 1299

Hi Rob, still the 707 up for sale?

What's your location?

Regards
Peter

--- In ft-707@yahoogroups.com, <rbaker@...> wrote:

Hi All.

Thinking about selling the old trusted 707, but not sure what it will be worth..Any ideas.

Rob

[Non-text portions of this message have been removed]

1300. RE: WTB 707

Yahoo group: FT-707
Date: 2013-09-18 23:18:40 UTC
From: <sv2dfu@...>
Topic: 1296 Message: 1300

Thank you wvstrik, for the tip.
I am familiar with ebay, but will check marktplaats.
Meanwhile, the request stands for any member of the group.

--- In ft-707@yahoogroups.com, <willem.van.strik@...> wrote:

They regularly turn up at ebay.de, ebay.co.uk or the dutch marktplaats.nl. A good one is priced somewhere between 175-300 euro.

--- In FT-707@yahoogroups.com, <ft-707@yahoogroups.com> wrote:

Hi, everyone. Just joined the group and I appreciate the information available.
Is there any chance, a good 707 is out there looking for a new home.
Sadly, due to customs problem, I am looking only for someone within Europe.
Thanks and nice to be here

Peter sv2dfu

1301. RE: WTB 707

Yahoo group: FT-707
Date: 2013-09-18 10:28:11 UTC
From: <sv2dfu@...>
Topic: 1296 Message: 1301

Thank you for the information.
I am familiar with ebay, but marktplaats.nl is new for me, thanks!

Nevertheless, the request stands for any group member interested.
Regards

Peter

--- In ft-707@yahoogroups.com, <willem.van.strik@...> wrote:

They regularly turn up at ebay.de, ebay.co.uk or the dutch marktplaats.nl. A good one is priced somewhere between 175-300 euro.

--- In FT-707@yahoogroups.com, <ft-707@yahoogroups.com> wrote:

Hi, everyone. Just joined the group and I appreciate the information available.
Is there any chance, a good 707 is out there looking for a new home.
Sadly, due to customs problem, I am looking only for someone within Europe.
Thanks and nice to be here

Peter sv2dfu

1302. RE: Selling ft707

Yahoo group: FT-707
Date: 2013-09-20 19:47:56 UTC
From: <sv2dfu@...>
Topic: 1279 Message: 1302

Disregard Rob,

just got one.

Thank you

--- In ft-707@yahoogroups.com, <sv2dfu@...> wrote:

Hi Rob, still the 707 up for sale?

What's your location?

Regards
Peter

--- In ft-707@yahoogroups.com, <rbaker@...> wrote:

Hi All.

Thinking about selling the old trusted 707, but not sure what it will be worth..Any ideas.

Rob

[Non-text portions of this message have been removed]

1303. RE: WTB 707

Yahoo group: FT-707
Date: 2013-09-20 19:49:12 UTC
From: <sv2dfu@...>
Topic: 1296 Message: 1303

Hi all, just found a nice 707.
Thank you

--- In ft-707@yahoogroups.com, <sv2dfu@...> wrote:

Thank you wvstrik, for the tip.
I am familiar with ebay, but will check marktplaats.
Meanwhile, the request stands for any member of the group.

--- In ft-707@yahoogroups.com, <willem.van.strik@...> wrote:

They regularly turn up at ebay.de, ebay.co.uk or the dutch marktplaats.nl. A good one is priced somewhere between 175-300 euro.

--- In FT-707@yahoogroups.com, <ft-707@yahoogroups.com> wrote:

Hi, everyone. Just joined the group and I appreciate the information available.
Is there any chance, a good 707 is out there looking for a new home.
Sadly, due to customs problem, I am looking only for someone within Europe.
Thanks and nice to be here

Peter sv2dfu

1304. RE: Dropping SSB output on FT707

Yahoo group: FT-707
Date: 2013-09-25 22:03:29 UTC
From: <portdoverbells@...>
Topic: 1297 Message: 1304

There is a pot control on the inside board that sets the SSB output. Mine was running almost 170 watts out and I screwed it down to 100 . look in the manual.
jim VE3DDY

---In FT-707@yahoogroups.com, <ft-707@yahoogroups.com> wrote:

Greetings Folks .... Have aquired a FT707 in VGC. Wish to drop the SSB OP to about 40W (Neighbour proximity problems)...Tried a mod with an add on board a RL & diodes. there was a cct error with the diode across the Relay. Did not work.
Also tried WB2WIK mod....with v:limited success. These were all mods from about 10 years ago. I took the mods at face value without tracing the actual circuits..... Any ideas or suggestions, updates etc?? ..... Have trawled the internet without any luck. Wandering if the reverse ALC & ALC lines to the IF board can be wound up ?? Appreciate any helpful comment or advice.
Best regards.... Derrick Wright de VK6PI.

1305. Re: [FT-707] RE: Dropping SSB output on FT707

Yahoo group: FT-707
Date: 2013-09-27 15:21:01 UTC
From: Derrick Wright
Topic: 1297 Message: 1305

Hi there Jim...
Thanks for your return.
The pot you refer to I think is VR4001 that controls the reverse ALC.

After my post I discovered there were other problems with the ALC line.
Perhaps that is why the earlier mods refused to work.
At present I have no ALC at all.
Running at about 50w by winding the mic gain back, not the best way to
achieve the results I needed.
Just snowed under with home issues that are consuming most of my time.
Working mainly with my FT7 till have time to work on the 707.
Thanks again & 73
Derrick....VK6PI.

----- Original Message -----
From: portdoverbells@...
To: FT-707@yahoogroups.com
Sent: Thursday, September 26, 2013 6:03 AM
Subject: [FT-707] RE: Dropping SSB output on FT707

There is a pot control on the inside board that sets the SSB output. Mine was running
almost 170 watts out and I screwed it down to 100 . look in the manual.

jim VE3DDY

1306. Re: Dropping SSB output on FT707

Yahoo group: FT-707
Date: 2013-09-27 15:30:22 UTC
From: Derrick Wright
Topic: 1297 Message: 1306

Many thanks for the reply Ian.
Sorry for the late reply, been away from home.
After my post I discovered there were other problems with the ALC line.
Perhaps that is why the earlier mods refused to work.
At present I have no ALC at all.
Running at about 50w by winding the mic gain back as you suggested,
not the best way to achieve the results I needed. VE3DDY indicated that
a pot... VR4001 I think, will wind down the SSb output.
Just snowed under with home issues that are consuming most of my time.
Working mainly with my FT7 till have time to work on the 707 again.
Thanks again & 73.
Derrick VK6PI.
----- Original Message -----
From: Ian McGowan(sky)
To: comwright@...
Sent: Tuesday, September 17, 2013 8:19 PM
Subject: Re: Dropping SSB output on FT707

Hi Derrick, you don't need to mod anything. When operating SSB just back off the mic gain control until your speech peaks just hit 40W on your power meter or, with the "ALC" button NOT pressed, just the first 4 green LEDs on the barograph lighting when you speak. I use exactly this method of reducing O/P to work 5W QRP.

Cheers, Ian, G8OFZ.

1307. ft-707 mic ??

Yahoo group: FT-707
Date: 2013-10-27 02:17:27 UTC
From: David Christmas
Topic: 1307 Message: 1307

Hi Everyone, I am looking for a mic to fit a ft-707 hf radio ,can anyone help ?? Rgs David VK4DJC

1308. RE: ft-707 mic ??

Yahoo group: FT-707
Date: 2013-10-28 10:52:25 UTC
From: <hardedge@...>
Topic: 1307 Message: 1308

YM-34, -35, -36. &-37

Search eBay. They turn up periodically. Also, contact W2ENY on eBay. He made two 707 mics for me ~$50 each
.
http://www.ebay.com/sch/w2eny/m.html?ssPageName=STRK%3AMEFSXS%3AMESOI&_trksid=p2053788.m1543.l2654

-O'B.
ex-KA2MKI

---In ft-707@yahoogroups.com, <vk4djc_p@...> wrote:

Hi Everyone, I am looking for a mic to fit a ft-707 hf radio ,can anyone help ?? Rgs David VK4DJC

1309. Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-11-11 12:56:56 UTC
From: <m0icr@...>
Topic: 1309 Message: 1309

Hello all,

My FT707S RX/TX relay on the AVR board is sticking. It transmits fine but on release of the PTT it goes to mute rather than receive. A light tap of the larger relay on the AVR board releases the relay and it returns to receive.

I search of this group and the wider internet suggests that this is a common problem.

If someone can help I would be most grateful.

1. How easy is it to remove (and get to) the AVR board.
2. I will attempt to clean the relay with contact cleaner / bond paper.
3. If cleaning the relay does not work can anyone suggest a widely available drop in replacement relay or do I need to wire a third party relay into position on short extension wires?

Any help with getting this lovely old radio back on air would be very gratefully received!

Many thanks

73
Carl
M0ICR

1310. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-11-11 23:35:47 UTC
From: David Lisney
Topic: 1309 Message: 1310

The issue is fixable be passing some current through the affected contacts, mine did similar years ago, can't remember the details of how I did it, but was done with relay still in circuit.

Sent from my iPad

> On 11 Nov 2013, at 18:45, m0icr@yahoo.com wrote:
>
> Hello all,
>
> My FT707S RX/TX relay on the AVR board is sticking. It transmits fine but on release of the PTT it goes to mute rather than receive. A light tap of the larger relay on the AVR board releases the relay and it returns to receive.
>
> I search of this group and the wider internet suggests that this is a common problem.
>
> If someone can help I would be most grateful.
>
> 1. How easy is it to remove (and get to) the AVR board.
> 2. I will attempt to clean the relay with contact cleaner / bond paper.
> 3. If cleaning the relay does not work can anyone suggest a widely available drop in replacement relay or do I need to wire a third party relay into position on short extension wires?
>
> Any help with getting this lovely old radio back on air would be very gratefully received!
>
> Many thanks
>
> 73
> Carl
> M0ICR
>
>

1311. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-11-12 06:06:08 UTC
From: makoto kasahara
Topic: 1309 Message: 1311

Dear OM,

I replaced this relay with 942H-2C-12DS(12V 5A).
But, this relay doesn't fit on the circuit board.

Please, see the photo of my blog, below...
http://jn1glb.blogspot.jp/2011/02/blog-post_22.html

Makoto Kasahara / JN1GLB

On Tuesday, November 12, 2013 1:44 PM, David Lisney <g0fvt@...> wrote:

The issue is fixable be passing some current through the affected contacts, mine did similar years ago, can't remember the details of how I did it, but was done with relay still in circuit.

Sent from my iPad

On 11 Nov 2013, at 18:45, m0icr@... wrote:

>Hello all,
>
>My FT707S RX/TX relay on the AVR board is sticking. It transmits fine but on release of the PTT it goes to mute rather than receive. A light tap of the larger relay on the AVR board releases the relay and it returns to receive.
>
>I search of this group and the wider internet suggests that this is a common problem.
>
>If someone can help I would be most grateful.
>
>1. How easy is it to remove (and get to) the AVR board.
>2. I will attempt to clean the relay with contact cleaner / bond paper.
>3. If cleaning the relay does not work can anyone suggest a widely available drop in replacement relay or do I need to wire a third party relay into position on short extension wires?
>
>Any help with getting this lovely old radio back on air would be very gratefully received!
>
>Many thanks
>
>73
>Carl
>M0ICR

1312. User / Service manual FT-707S

Yahoo group: FT-707
Date: 2013-11-20 07:15:05 UTC
From: <tonrijnen@...>
Topic: 1312 Message: 1312

Hello group,

i'm an owner of a nice FT-707S and now i like to download the user and service manual.
Can somebody confirm that there is now special service and user manual for the specific 'S' type?
Thanks in advance.
73's Ton PA1PXL

1313. 707 display fault

Yahoo group: FT-707
Date: 2013-12-22 17:20:55 UTC
From: <raybokor2@...>
Topic: 1313 Message: 1313

https://www.youtube.com/watch?v=haDzz3HNxr0&feature=c4-overview&list=UUkQUA9t-aA8-Q2mAJEobKOg https://www.youtube.com/watch?v=haDzz3HNxr0&feature=c4-overview&list=UUkQUA9t-aA8-Q2mAJEobKOg

can any one help with this fault as you can see it reads 9190 follow the vid link

1314. Digi read out

Yahoo group: FT-707
Date: 2013-12-15 09:46:28 UTC
From: Ray Bokor
Topic: 1314 Message: 1314

Hi my ft707 is only showing 09.....91 on the digi read out any help please

1315. Re: [FT-707] 707 display fault

Yahoo group: FT-707
Date: 2013-12-22 19:36:07 UTC
From: Francesco Messineo
Topic: 1313 Message: 1315

Hi

On Sun, Dec 22, 2013 at 6:20 PM, <raybokor2@...> wrote:
>
>
>
> https://www.youtube.com/watch?v=haDzz3HNxr0&feature=c4-overview&list=UUkQUA9t-aA8-Q2mAJE
obKOg
>
>
> can any one help with this fault as you can see it reads 9190 follow the vid link

Since your FT-707S appears to work fine, I think the fault is
definitely located in the counter PCB. There's not much in that board.
You should first of all confirm the xtal on that board is good, then
you should do some troubleshooting. That's probably best done with the
aid of an oscilloscope. If you have one, we can discuss further about
how to troubleshoot that circuit.
Best 73
Frank IZ8DWF

1316. RE: 707 display fault

Yahoo group: FT-707
Date: 2013-12-23 06:39:34 UTC
From: <allenbh@...>
Topic: 1313 Message: 1316

Hello,
Nice job there with the 707S.

I have a couple of 707's and I love these old analog radios! I found this reference to relays - by W8JI - http://www.w8ji.com/relay_cleaning_and_life.htm
He suggests running about an amp through the Rx contacts to burn off any crud. I agree, and hie shows how to limit the current with a 12V automotive bulb (for example).

Study your schematics. You pull the amplifier board out by removing the small screws around the rear, after taking off the top and bottom. The Tx/Rx relay is the first one at the antenna input on the LPF board, as I remember. Thre are other relays that can cause problems, but I think this in the first one to look into. Mine did that back about 1997 and once after, but not in a long time. I suspected the relay, and even ordered a replacement, but have not put it in yet.

If it "sticks" again (really, it is high-Z because of crud), I will be trying this first. The Rx is on the Normally Closed contacts and those are notorious for having high vdrop with low signal through them.

73,
Bill
AJ4TX

1317. RE: 707 display fault

Yahoo group: FT-707
Date: 2013-12-23 13:51:07 UTC
From: <allenbh@...>
Topic: 1313 Message: 1317

That sounds like your counter ASIC on the counuter board, front right on top when you take the top cover off. I bought a kit from a fantastic guy in Japan - will have to look for his call - that is a replacement daughterboard. You remove the counter PCB, carefully remove the 40 pin ASIC, and replace it with the daughterboard. Change another couple of components depending on the serial number (according to the value of those components) and it works great!

Buying it directly from him it was about $37 plus shipping.

73,
Bill
AJ4TX

1318. Re: [FT-707] RE: 707 display fault

Yahoo group: FT-707
Date: 2013-12-23 14:54:33 UTC
From: Francesco Messineo
Topic: 1313 Message: 1318

On Mon, Dec 23, 2013 at 2:51 PM, <allenbh@...> wrote:
>
>
>
> That sounds like your counter ASIC on the counuter board, front right on top when you take the top cover off. I bought a kit from a fantastic guy in Japan - will have to look for his call - that is a replacement daughterboard. You remove the counter PCB, carefully remove the 40 pin ASIC, and replace it with the daughterboard. Change another couple of components depending on the serial number (according to the value of those components) and it works great!

this might be surely the problem. But I wouldn't change the 40 pin IC
without before verifying that's indeed the problem, that would still
give a bad counter board with some few $$ and time spent.
First troubleshoot, then change :-)

73
Frank IZ8DWF

1319. RE: 707 display fault

Yahoo group: FT-707
Date: 2013-12-24 03:50:47 UTC
From: <allenbh@...>
Topic: 1313 Message: 1319

Hmmm - this goes with the sticking relay question, not the display problem! Sorry, if y'all read all the messages it'll make sense :-)

-Bill

1320. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-24 03:51:44 UTC
From: <allenbh@...>
Topic: 1309 Message: 1320

Hello,
Nice job there with the 707S.

I have a couple of 707's and I love these old analog radios!

I found this reference to relays - by W8JI -
http://www.w8ji.com/relay_cleaning_and_life.htm
He suggests running about an amp through the Rx contacts to burn off any crud. I agree, and he shows how to limit the current with a 12V automotive bulb (for example).

Study your schematics. You pull the amplifier board out by removing the small screws around the rear, after taking off the top and bottom. The Tx/Rx relay is the first one at the antenna input on the LPF board, as I remember. There are other relays that can cause problems, but I think this in the first one to look into. Mine did that back about 1997 and once after, but not in a long time. I suspected the relay, and even ordered a replacement, but have not put it in yet. Which one is on the AVR board? I think that switches voltages, not sure...

If it "sticks" again (really, it is high-Z because of crud), I will be trying this first. The Rx is on the Normally Closed contacts and those are notorious for having high vdrop with low signal through them.

BTW - there is a "fuse lamp" after that relay on the input at the HPF board. I replaced mine on the #2 '707. It only allows about 60 mA. Not sure if it should be replaced or jumpered-out, but I figure it was protection and that is a good thing. Study your schematics and interconnection diagrams.

73,
Bill
AJ4TX

1321. RE: 707 display fault

Yahoo group: FT-707
Date: 2013-12-24 03:45:57 UTC
From: <allenbh@...>
Topic: 1313 Message: 1321

True True, Frank. I looked at the input signal with scope and counter and verified that the output pins to the LED drivers worked. The outputs of the ASIC were not changing when they should have been.

But that IS the symptom of this issue. Mine read 3.5 and a couple of random numbers that changed for about 2 other bands but never displayed the frequency.

If you can verify the display does work when the inputs are toggled, then that the input signal is there, that's part of it. The band select and mode work through the diode switching to offset the display. Study the manual and service manual. It is a good exercise!

Check all connections, supply voltages, etc. There is a bit of information out there on this problem. The 40 pin ASIC was used in quite a few of the early Yaesu digital display radios, analog radios with counters for the operating freq. Then along came the computerized radios. The 40 pin ASIC is long gone, but there are replacement boards available. I'll post the source when I find him, if someone else doesn't first!

I was hesitant to do it at first, but I got tired of chasing the frequency and always using the calibrator, then still being a few hundred Hz off. I'd call my contact in TN and he'd tell me "you're about 200 Hz low"... yeah, well I'm running analog, too, gimme a break! ;-)

73,
Bill AJ4TX

1322. Re: [FT-707] RE: 707 display fault

Yahoo group: FT-707
Date: 2013-12-24 11:14:33 UTC
From: Ray Bokor
Topic: 1313 Message: 1322

Thanks bill any info is helpfull . Its a great radio .not a yeasu fan but always loved this set .
On 23 Dec 2013 14:23, <allenbh@...> wrote:

>
>
> That sounds like your counter ASIC on the counuter board, front right on
> top when you take the top cover off. I bought a kit from a fantastic guy in
> Japan - will have to look for his call - that is a replacement
> daughterboard. You remove the counter PCB, carefully remove the 40 pin
> ASIC, and replace it with the daughterboard. Change another couple of
> components depending on the serial number (according to the value of those
> components) and it works great!
>
> Buying it directly from him it was about $37 plus shipping.
>
> 73,
> Bill
> AJ4TX
>
>

1323. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-25 19:21:06 UTC
From: Gary Nachman
Topic: 1309 Message: 1323

I picked up a mint FT707, matching power supply, antenna tuner and external VFO from a silent key estate for $350.

The audio on receive is very pleasant compared to my Kenwood TS2000.

I really have not used it to transmit all that much.

I guess I will try it on the 40M MidCARS net and ask for an audio report.

I was thinking of selling it, but if it is that good of a rig, maybe I will keep it.

Gary
K9JN

From: "allenbh@..." <allenbh@...>
To: FT-707@yahoogroups.com
Sent: Monday, December 23, 2013 9:51 PM
Subject: Re: [FT-707] Sticking RX/TX Relay on AVR board

Hello,
Nice job there with the 707S.

I
have a couple of 707's and I love these old analog radios!

I found this
reference to relays - by W8JI -
http://www.w8ji.com/relay_cleaning_and_life.htm
He suggests running
about an amp through the Rx contacts to burn off any crud. I agree, and
he shows how to limit the current with a 12V automotive bulb (for
example).

Study your schematics. You pull the amplifier board
out by removing the small screws around the rear, after taking off the
top and bottom. The Tx/Rx relay is the first one at the antenna input on
the LPF board, as I remember. There are other relays that can cause
problems, but I think this in the first one to look into. Mine did that
back about 1997 and once after, but not in a long time. I suspected the
relay, and even ordered a replacement, but have not put it in yet. Which one is on the AVR
board? I think that switches voltages, not sure...

If
it "sticks" again (really, it is high-Z because of crud), I will be
trying this first. The Rx is on the Normally Closed contacts and those
are notorious for having high vdrop with low signal through them.

BTW - there is a "fuse lamp" after that relay on the input at the HPF board. I replaced mine on the #2 '707. It only allows about 60 mA. Not sure if it should be replaced or jumpered-out, but I figure it was protection and that is a good thing. Study your schematics and interconnection diagrams.

73,
Bill
AJ4TX

1324. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-27 20:48:31 UTC
From: <kb7js@...>
Topic: 1309 Message: 1324

Gary

I think you will find everyone will comment on the very fine audio produced by the FT-707 transmitter. After restoring dozens of these over the years, I have come to consider it as one of the best radios ever made by Yaesu, and considering it's age and lack of modern "Bells & Whistles", still out performs most of the rigs priced considerably higher. It has one of the most sensitive and quiet receivers I have ever encountered, and consistently out-performs other radios in side by side comparisons on my bench using the same antenna. I have never encountered an ICOM or Kenwood radio that could outperform it for receive sensitivity and audio quality or transmit audio clarity. Recently I compared it to an SGC SG-2000 and it outshined that radio on all bands.

You can't beat the FT-707 for a solid and reliable day to day rag chew radio.

Cheers

Dave
KB7JS

1325. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-27 21:13:56 UTC
From: <gn525@...>
Topic: 1309 Message: 1325

Maybe I spoke too soon.

My FT707 receiver is deaf today. The few stations I hear do not even light the display up, yet they are S9 on my Kenwood TS-2000. It seemed as if the Yaesu had better ears over the last few months.

Swapped antennas, coax, etc.

Call controls, RF gain, etc are as they should be. If I turn the RF Gain CCW, it lights up the display and does its thing.

Any ideas of something simple I am missing?

Bah.

Gary
K9JN

1326. Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-28 00:08:38 UTC
From: Curt Nixon
Topic: 1309 Message: 1326

Perhaps just a cruddy TR relay. Try switching to transmit a few times
at 1/2 power to see if it comes back.

Curt

On 12/27/2013 4:13 PM, gn525@... wrote:
>
> Maybe I spoke too soon.
>
>
> My FT707 receiver is deaf today. The few stations I hear do not even
> light the display up, yet they are S9 on my Kenwood TS-2000. It
> seemed as if the Yaesu had better ears over the last few months.
>
>
> Swapped antennas, coax, etc.
>
>
> Call controls, RF gain, etc are as they should be. If I turn the RF
> Gain CCW, it lights up the display and does its thing.
>
>
> Any ideas of something simple I am missing?
>
>
> Bah.
>
>
> Gary
>
> K9JN
>
>

1327. Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-28 11:09:22 UTC
From: Gary Nachman
Topic: 1309 Message: 1327

I do not think it is a sticking relay. It will pick up local hams at around S7 and my other rig when transmitting into a dummy load with a full meter reading.

I read there is a bulb, laebled F01 which serves as a fuse in the receive circuit. And these fails resulting in weak receive, all bands, all modes.

Does anyone know where this is located in the rig? then it also sated tojust jumper or replace with a little grain bulb.

On the road, so can't work on it.

But does anyone know on what board or where this F01 may be?

Gary

From: Curt Nixon <captcurt@...>
To: FT-707@yahoogroups.com
Sent: Friday, December 27, 2013 6:08 PM
Subject: Re: [FT-707] Sticking RX/TX Relay on AVR board

Perhaps just a cruddy TR relay.???? Try switching to transmit a few times at 1/2 power to see if it comes back.

Curt

On 12/27/2013 4:13 PM, gn525@... wrote:

??
>Maybe I spoke too soon.
>
>
>My FT707 receiver is deaf today. ??The few stations I hear do not even light the display up, yet they are S9 on my Kenwood TS-2000. ??It seemed as if the Yaesu had better ears over the last few months.
>
>
>Swapped antennas, coax, etc.
>
>
>Call controls, RF gain, etc are as they should be. ??If I turn the RF Gain CCW, it lights up the display and does its thing.
>
>
>Any ideas of something simple I am missing?
>
>

>Bah.
>
>
>Gary
>K9JN

1328. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2013-12-28 11:49:17 UTC
From: Dave
Topic: 1309 Message: 1328

On 28/12/2013 11:09, Gary Nachman wrote:
>
>
> I do not think it is a sticking relay. It will pick up local hams at
> around S7 and my other rig when transmitting into a dummy load with a
> full meter reading.
>
> I read there is a bulb, laebled F01 which serves as a fuse in the
> receive circuit. And these fails resulting in weak receive, all
> bands, all modes.
>
> Does anyone know where this is located in the rig? then it also sated
> tojust jumper or replace with a little grain bulb.
>
> On the road, so can't work on it.
>
> But does anyone know on what board or where this F01 may be?
>
> Gary

Just check the width control is central.....

>
> ---
> *From:* Curt Nixon <captcurt@...>
> *To:* FT-707@yahoogroups.com
> *Sent:* Friday, December 27, 2013 6:08 PM
> *Subject:* Re: [FT-707] Sticking RX/TX Relay on AVR board
>
> Perhaps just a cruddy TR relay.??????????? Try switching to transmit a few
> times at 1/2 power to see if it comes back.
>
> Curt
>
>
> On 12/27/2013 4:13 PM, gn525@... <mailto:gn525@...> wrote:
>> ??????
>> Maybe I spoke too soon.
>>
>> My FT707 receiver is deaf today. ??????The few stations I hear do not
>> even light the display up, yet they are S9 on my Kenwood TS-2000.
>> ??????It seemed as if the Yaesu had better ears over the last few months.
>>
>> Swapped antennas, coax, etc.

>>
>> Call controls, RF gain, etc are as they should be. ??????If I turn the RF
>> Gain CCW, it lights up the display and does its thing.
>>
>> Any ideas of something simple I am missing?
>>
>> Bah.
>>
>> Gary
>> K9JN
>
>
>
>
>
>

1330. Happy new year to all !!!

Yahoo group: FT-707
Date: 2014-01-02 00:05:24 UTC
From: FT-707-owner@yahoogroups.com
Topic: 1330 Message: 1330

Happy new year to all our ham friends

I would like to take a minute to thank all of you members of this board, but particularily our moderators 'extraordinaire' that take from their valuable time to provide you, the members with this valuable service.

Jinny PE1REA, moderator Extra-ordinaire and we wish him a prompt recovery so he will be back on the air soon!!!

If you didn't take the time to study yet for your ham radio license, 2014 IS the year! Good luck with making your dream a reality.
For those who are already hams, well I wish you all of the best you would desire for 2014 and beyond.

Happy year of 2014 once more to all.

1331. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-02 03:06:11 UTC
From: Gary Nachman
Topic: 1309 Message: 1331

Width control is dead center.

I think it is the receive fuse.

Receive signals go through the relay RL4001(on the LPF board) to a lamp which serves as a fuse (F4801). I am not certain where F4801 resides. It may be on the fan motor unit.

Anyone know here this fuse is before I take more than I have to apart hunting down this lamp fuse?

Gary
K9JN

_____
From: Dave <dave.g4ugm@...>
To: FT-707@yahoogroups.com
Sent: Saturday, December 28, 2013 5:49 AM
Subject: Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

On 28/12/2013 11:09, Gary Nachman wrote:

I do not think it is a sticking relay. ??It will pick up local hams at around S7 and my other rig when transmitting into a dummy load with a full meter reading.
>
>
>I read there is a bulb, laebled F01 which serves as a fuse in the receive circuit. ??And these fails resulting in weak receive, all bands, all modes.
>
>
>Does anyone know where this is located in the rig? ??then it also sated tojust jumper or replace with a little grain bulb.
>
>
>On the road, so can't work on it.
>
>
>But does anyone know on what board or where this F01 may be?
>
>
>Gary
Just check the width control is central.....

>
>
>_____

> From: Curt Nixon <captcurt@...>
>To: FT-707@yahoogroups.com
>Sent: Friday, December 27, 2013 6:08 PM
>Subject: Re: [FT-707] Sticking RX/TX Relay on AVR board
>
>
>
>??
>Perhaps just a cruddy TR relay.??????????? Try switching to transmit a few times at 1/2 power to see if it comes back.
>
>Curt
>
>
>
>On 12/27/2013 4:13 PM, gn525@... wrote:
>
>??????
>>Maybe I spoke too soon.
>>
>>
>>My FT707 receiver is deaf today. ??????The few stations I hear do not even light the display up, yet they are S9 on my Kenwood TS-2000. ??????It seemed as if the Yaesu had better ears over the last few months.
>>
>>
>>Swapped antennas, coax, etc.
>>
>>
>>Call controls, RF gain, etc are as they should be. ??????If I turn the RF Gain CCW, it lights up the display and does its thing.
>>
>>
>>Any ideas of something simple I am missing?
>>
>>
>>Bah.
>>
>>
>>Gary
>>K9JN
>
>
>

1332. RE: Happy new year to all !!!

Yahoo group: FT-707
Date: 2014-01-02 11:51:53 UTC
From: <peliklaas@...>
Topic: 1330 Message: 1332

Thank You, I saw in an other message you say it (almost) right, so, yes, I'm a lady.
Jinny, PE1REA, but back on the air, that will cost me a few years I think.
The noise out of the speaker hits my brain to much at the moment (after 2 years now)
Everybody a happy newyear....

1333. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-02 15:12:05 UTC
From: Curt
Topic: 1309 Message: 1333

If it is in there, it will be on the board layouts. Service Manual?

On 1/1/2014 10:06 PM, Gary Nachman wrote:
> Width control is dead center.
>
> I think it is the receive fuse.
>
> Receive signals go through the relay RL4001(on the LPF board) to a
> lamp which serves as a fuse (F4801). I am not certain where F4801
> resides. It may be on the fan motor unit.
>
> Anyone know here this fuse is before I take more than I have to apart
> hunting down this lamp fuse?
>
> Gary
> K9JN
>
> ---
> *From:* Dave <dave.g4ugm@...>
> *To:* FT-707@yahoogroups.com
> *Sent:* Saturday, December 28, 2013 5:49 AM
> *Subject:* Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay
> on AVR board
>
> On 28/12/2013 11:09, Gary Nachman wrote:
>> I do not think it is a sticking relay. ??????It will pick up local hams
>> at around S7 and my other rig when transmitting into a dummy load
>> with a full meter reading.
>>
>> I read there is a bulb, laebled F01 which serves as a fuse in the
>> receive circuit. ??????And these fails resulting in weak receive, all
>> bands, all modes.
>>
>> Does anyone know where this is located in the rig? ??????then it also
>> sated tojust jumper or replace with a little grain bulb.
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>> On the road, so can't work on it.
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>> But does anyone know on what board or where this F01 may be?
>>
>> Gary
>
> Just check the width control is central.....
>

>>
>> ----------
>> *From:* Curt Nixon <captcurt@...> <mailto:captcurt@...>
>> *To:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
>> *Sent:* Friday, December 27, 2013 6:08 PM
>> *Subject:* Re: [FT-707] Sticking RX/TX Relay on AVR board
>>
>> ??????
>> Perhaps just a cruddy TR relay.????????????????????????????????????? Try switching to
transmit
>> a few times at 1/2 power to see if it comes back.
>>
>> Curt
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>>
>> On 12/27/2013 4:13 PM, gn525@... <mailto:gn525@...> wrote:
>>> ?????????????????
>>> Maybe I spoke too soon.
>>>
>>> My FT707 receiver is deaf today. ?????????????????The few stations I hear do
>>> not even light the display up, yet they are S9 on my Kenwood
>>> TS-2000. ?????????????????It seemed as if the Yaesu had better ears over the
>>> last few months.
>>>
>>> Swapped antennas, coax, etc.
>>>
>>> Call controls, RF gain, etc are as they should be. ?????????????????If I turn
>>> the RF Gain CCW, it lights up the display and does its thing.
>>>
>>> Any ideas of something simple I am missing?
>>>
>>> Bah.
>>>
>>> Gary
>>> K9JN
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1334. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-02 15:51:37 UTC
From: Gary Nachman
Topic: 1309 Message: 1334

I have a PDF that is a comprised of scanned pics, so can't do a find using Cntrl F to search and find the location in 10 seconds. Does anyone have a searchable soft copy of the service manual that they can email me?

My challenge is visual acuity and that thing called time.

Someone else out there must have had he same thing happen with that receive lamp fuse.

Gary

From: Curt <captcurt@...>
To: FT-707@yahoogroups.com
Sent: Thursday, January 2, 2014 9:12 AM
Subject: Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

If it is in there, it will be on the board layouts.???? Service
Manual?

On 1/1/2014 10:06 PM, Gary Nachman wrote:

??
>Width control is dead center.
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>I think it is the receive fuse.
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>Receive signals go through the relay RL4001(on the LPF board) to a lamp which serves as a fuse (F4801). ??I am not certain where F4801 resides. ??It may be on the fan motor unit.
>
>
>Anyone know here this fuse is before I take more than I have to apart hunting down this lamp fuse?
>
>
>Gary
>K9JN
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>
>---
> From: Dave <dave.g4ugm@...>
>To: FT-707@yahoogroups.com
>Sent: Saturday, December 28, 2013 5:49 AM

>Subject: Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board
>
>
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>??
>On 28/12/2013 11:09, Gary Nachman wrote:
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>I do not think it is a sticking relay. ??????It will pick up local hams at around S7 and my other rig when transmitting into a dummy load with a full meter reading.
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>>I read there is a bulb, laebled F01 which serves as a fuse in the receive circuit. ??????And these fails resulting in weak receive, all bands, all modes.
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>>>Swapped antennas, coax, etc.
>>>
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>>>Call controls, RF gain, etc are as they should be. ????????????????????If I turn the RF Gain CCW, it lights up the display and does its thing.
>>>
>>>
>>>Any ideas of something simple I am missing?
>>>
>>>
>>>Bah.
>>>
>>>
>>>Gary
>>>K9JN
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>

1335. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-02 16:51:51 UTC
From: <allenbh@...>
Topic: 1309 Message: 1335

Fuse Lamp replacement:
I recently revived a deaf '707 that would receive the marker signals but barely hear RF on the antenna. If you touched the audio board (top board with top cover off) near the rear of the board, it would hear a lot of noise and signals. Jumpering the antenna coax to the coax input on the right corner would also bring it to life. I traced it back to the HPF/Fan Control board, where the Fuse Lamp is located. It is shown on the interconnect and schematics. Get to know those. The RX line splits into 2 coax lines at the top of the HPF/Fan Control board. Touching the center conductor there will let you check back to that point. You can also check continuity from the antenna connector to the same place. It should be connected. There is a Rx/Tx relay on the LPF board that is the first thing the RF goes through on the way to the fuselamp/HPF assy. I think I put a little DeOxit on a strip pf paper and ran it across the contact of that relay, just to say it had been done.

OK - but how to get to it??? Not too bad, just a little scary!
First, are you going to replace the lamp or jump it out? Radio Shack sells a grain of wheat bulb that works. Sorry - didn't look up your location... Documentation here on the group says not to use a heavier lamp than 75 mA or thereabouts. Guess the "fuse" action would be compromised! I had one on hand and changed it. Funny thing is that another 707 I have that has been trashed but does work, had it replaced (someone else) too. Pigtails and all.

Remove the top and bottom and side rails. There are a lot (~10-12?) of small flush-mounted phillips-head screws that hold the PA/Heat-sink assy to the chassis, at the rear of the unit. Remove all of these and the PA assy will pull out, along with the BPF board. You will find the fan-control board on the side next to the power relay. Disconnect the necessary headers and PA power lead (an inline connector on the big red PA power wire). The Fan board with the lamp is attached with 2 screws. Remove those and you can get the board out enough to replace or jump-out the lamp.

I used a pair of long needle-nose pliers and ling thin screwdriver, etc. Doing a search for "Fuse Lamp", it does not seem common. I chose, however, to put one back in. Whether it is the correct value and will "blow" before damage happens, who knows? If it is rated 75 mA or less at 8 volts, maybe as high as 12 volts, you'll probably be safer than just a jumper. A search here on the board will pull up a couple of references, but the original part is not available.

Reassembly is straightforward. Just pay attention to where everything was and goes. I like to take lots of digital photos during the diss-assembly process, in case I have questions. Sometimes there is a lot of time between each end of a project, HI HI!

73 and let us know how it goes,
Bill, AJ4TX

1336. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-02 16:06:27 UTC
From: Curt
Topic: 1309 Message: 1336

[The full message body has unrecoverable character-encoding damage in Yahoo's archived raw text. Yahoo's separately preserved message snippet follows.]

It is shown in Figure 3-11 on page 3-17 lower right board layout on my svc manual. On the HPF fan control unit. Top side of rig--under the rear metal cover.

1337. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-02 15:45:41 UTC
From: Curt
Topic: 1309 Message: 1337

The bulb is on the HPF/Fan control unit toward the rear of the rig but
in front of the PA.

Curt

On 1/1/2014 10:06 PM, Gary Nachman wrote:
> Width control is dead center.
>
> I think it is the receive fuse.
>
> Receive signals go through the relay RL4001(on the LPF board) to a
> lamp which serves as a fuse (F4801). I am not certain where F4801
> resides. It may be on the fan motor unit.
>
> Anyone know here this fuse is before I take more than I have to apart
> hunting down this lamp fuse?
>
> Gary
> K9JN
>
> ---
> *From:* Dave <dave.g4ugm@...>
> *To:* FT-707@yahoogroups.com
> *Sent:* Saturday, December 28, 2013 5:49 AM
> *Subject:* Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay
> on AVR board
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> On 28/12/2013 11:09, Gary Nachman wrote:
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>> *From:* Curt Nixon <captcurt@...> <mailto:captcurt@...>
>> *To:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
>> *Sent:* Friday, December 27, 2013 6:08 PM
>> *Subject:* Re: [FT-707] Sticking RX/TX Relay on AVR board
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>> Perhaps just a cruddy TR relay.???????????????????????????????????? Try switching to
transmit
>> a few times at 1/2 power to see if it comes back.
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>> Curt
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>> On 12/27/2013 4:13 PM, gn525@... <mailto:gn525@...> wrote:
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>>> My FT707 receiver is deaf today. ?????????????????The few stations I hear do
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>>> TS-2000. ?????????????????It seemed as if the Yaesu had better ears over the
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>>> Call controls, RF gain, etc are as they should be. ?????????????????If I turn
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>>>
>>> Any ideas of something simple I am missing?
>>>
>>> Bah.
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>>> Gary
>>> K9JN
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1338. RE: Happy new year to all !!!

Yahoo group: FT-707
Date: 2014-01-03 00:25:16 UTC
From: <atcbuff@...>
Topic: 1330 Message: 1338

*** ERRATA***

Ooops sorry Jinny. I wasn't sure... Like they say, the first try is usually the right one! Sorry about that... :(

Happy new year to all our ham friends

I would like to take a minute to thank all of you members of this board, but particularily our moderators 'extraordinaire' that take from their valuable time to provide you, the members with this valuable service.

Jinny PE1REA, moderator Extra-ordinaire and we wish HER a prompt recovery so SHE will be back on the air soon!!!
(Most drivers really don't care about others.. All they think about is themselves and that's really sad that our society has gone down so low morally.)

Happy year of 2014 once more to all.

1339. Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

Yahoo group: FT-707
Date: 2014-01-03 03:04:59 UTC
From: Kb3hg@...
Topic: 1309 Message: 1339

Look for what might be a small bulb. It's been 30+ years since mine was replaced.

-----Original Message-----
From: Curt <captcurt@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Thu, Jan 2, 2014 10:21 am
Subject: Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

If it is in there, it will be on the board layouts.???? Service Manual?

On 1/1/2014 10:06 PM, Gary Nachman wrote:

Width control is dead center.

I think it is the receive fuse.

Receive signals go through the relay RL4001(on the LPF board) to a lamp which serves as a fuse (F4801). ??I am not certain where F4801 resides. ??It may be on the fan motor unit.

Anyone know here this fuse is before I take more than I have to apart hunting down this lamp fuse?

Gary

K9JN

From: Dave <dave.g4ugm@...>
To: FT-707@yahoogroups.com
Sent: Saturday, December 28, 2013 5:49 AM
Subject: Re: Weak Receive.... Was: Re: [FT-707] Sticking RX/TX Relay on AVR board

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On 28/12/2013 11:09, Gary Nachman wrote:

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I read there is a bulb, laebled F01 which serves as a fuse in the receive circuit. ??????And these fails resulting in weak receive, all bands, all modes.

Does anyone know where this is located in the rig? ??????then it also sated tojust jumper or replace with a little grain bulb.

On the road, so can't work on it.

But does anyone know on what board or where this F01 may be?

Gary

Just check the width control is central.....

From: Curt Nixon <captcurt@...>
To: FT-707@yahoogroups.com
Sent: Friday, December 27, 2013 6:08 PM
Subject: Re: [FT-707] Sticking RX/TX Relay on AVR board

??????

Perhaps just a cruddy TR relay.???????????????????????????????????? Try switching to transmit a few times at 1/2 power to see if it comes back.

Curt

On 12/27/2013 4:13 PM, gn525@... wrote:

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My FT707 receiver is deaf today. ?????????????????The few stations I hear do not even light the display up, yet they are S9 on my Kenwood TS-2000. ?????????????????It seemed as if the Yaesu had better ears over the last few months.

Swapped antennas, coax, etc.

Call controls, RF gain, etc are as they should be. ?????????????????If I turn the RF Gain CCW, it lights up the display and does its thing.

Any ideas of something simple I am missing?

Bah.

Gary

K9JN

1340. LSB Crystal 8986 kHz Wanted

Yahoo group: FT-707
Date: 2014-01-08 10:20:21 UTC
From: <v321uk@...>
Topic: 1340 Message: 1340

I need a replacement LSB crystal for my FT-707.

The frequency is 8986 kHz in small wire leaded holder.

Does anyone have a spare for sale?

Thanks,

John G3UGY

1341. FT-707

Yahoo group: FT-707
Date: 2014-01-09 10:18:38 UTC
From: <k0ire@...>
Topic: 140 Message: 1341

Hi
I am looking for, RTX FT-707 in good condition, if you sell a similar item, write to me at the following email address k0ire@yahoo.it
73' Frank IK0IRE

1342. PO meter

Yahoo group: FT-707
Date: 2014-01-16 16:50:09 UTC
From: Daniel Christopher
Topic: 1342 Message: 1342

Hello everyone! I am new to the group and exited about my new (old) ft-707! One issue I have is the PO meter when transmitting. Sometimes when I transmit the meter shows no or very little power out, while my Daiwa meter shows full output. Then, after a few TX's it will read full again. Has anyone ever had this experience? Thanks! 73 Dan N0RBN. P.S. This thing is built like a tank!!!

1343. RE: Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2014-01-17 01:27:51 UTC
From: <ausablecomm@...>
Topic: 1157 Message: 1343

Hello, just looking through these older posts. I see you installed 2sc2290s into your 707. what needs to be done to do this? Thanks! 73, Dan N0RBN

1344. RE: [FT-707] RE: Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2014-01-17 06:39:54 UTC
From: Marinos Markomanolakis M.D.
Topic: 1157 Message: 1344

Hi Dan,
Since the originals were 2sc2290, the new ones are plug and play. There is quite a bit of (careful) work though doing the change since the arrangement of the PA is quite crowded around the final transistors.
You also have to see witch 2sc2290 batch transistors you have, since the newer ones need a little more drive, and for that there is an easy mod to the drivers. Please refer to the yaesu recommendations for that.

Good luck with the project,
73
Marinos, sv9dru / ki4gin
From: ausablecomm@...
To: FT-707@yahoogroups.com
Date: Thu, 16 Jan 2014 17:27:51 -0800
Subject: [FT-707] RE: Protect your PA finals 2 preventive tips

Hello, just looking through these older posts. I see you installed 2sc2290s into your 707. what needs to be done to do this? Thanks! 73, Dan N0RBN

1345. RE: [FT-707] RE: Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2014-01-17 15:45:58 UTC
From: Daniel Christopher
Topic: 1157 Message: 1345

Thank you so much for the info! Where do I find the "Yaesu Recommendations" ? Is this part of the 707 group? Or is this a site I should know about? Thanks again!

On Thu, 1/16/14, Marinos Markomanolakis M.D. <sv9dru@...> wrote:

Subject: RE: [FT-707] RE: Protect your PA finals 2 preventive tips
To: FT-707@...m
Date: Thursday, January 16, 2014, 10:39 PM

Hi Dan,
Since the originals were 2sc2290, the new ones are plug and play. There is quite a bit of (careful) work though doing the change since the arrangement of the PA is quite crowded around the final transistors.
You also have to see witch 2sc2290 batch transistors you have, since the newer ones need a little more drive, and for that there is an easy mod to the drivers. Please refer to the yaesu recommendations for that.

Good luck with the project,
73
Marinos, sv9dru / ki4gin
From:
ausablecomm@yahoo.com
To: FT-707@yahoogroups.com
Date: Thu, 16 Jan 2014 17:27:51 -0800
Subject: [FT-707] RE: Protect your PA finals 2 preventive tips

Hello, just looking through these older posts. I see you installed 2sc2290s into your 707. what needs to be done to do this? Thanks! 73, Dan N0RBN

1346. RE: [FT-707] RE: Protect your PA finals 2 preventive tips

Yahoo group: FT-707
Date: 2014-01-17 19:26:46 UTC
From: Marinos Markomanolakis M.D.
Topic: 1157 Message: 1346

Hi Dan,
Please refer to the page 3-15 of the service manual :

http://www.radiomanual.info/schemi/FT707_serv.pdf

It is easy, just need to be a little careful with the soldering iron and find the very small 1/8w resistors.

Marinos.

> From: ausablecomm@...
> To: FT-707@yahoogroups.com
> Date: Fri, 17 Jan 2014 07:45:58 -0800
> Subject: RE: [FT-707] RE: Protect your PA finals 2 preventive tips
>
> Thank you so much for the info! Where do I find the "Yaesu Recommendations" ? Is this part of the 707 group? Or is this a site I should know about? Thanks again!
> ---
> On Thu, 1/16/14, Marinos Markomanolakis M.D. <sv9dru@hotmail.com> wrote:
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> Subject: RE: [FT-707] RE: Protect your PA finals 2 preventive tips
> To: FT-707@yahoogroups.com
> Date: Thursday, January 16, 2014, 10:39 PM
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> Yaesu-Musen Radios: Quality all around!
>
> Yahoo Groups Links

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1347. FT707 output power

Yahoo group: FT-707
Date: 2014-01-17 17:15:31 UTC
From: <matjaz.zejn@...>
Topic: 1347 Message: 1347

I got dismantled FT707. All board out of case. Then make some new cables, and conectors and receiver working , only a transmitter has only few watts output. FT707 consumptions only 6A on transmiting in cw mode.
It this mean the output transistor are destroyed.
Tnx for ansver
Matjaz
S56ZVD

1348. RE: FT707 output power

Yahoo group: FT-707
Date: 2014-01-19 07:01:57 UTC
From: <waky@...>
Topic: 1347 Message: 1348

It may have been modified for low power as the FT-707S

1349. RE: FT707 output power

Yahoo group: FT-707
Date: 2014-01-23 22:15:33 UTC
From: <matjaz.zejn@...>
Topic: 1347 Message: 1349

I thing the pa transistor are broken. I try to buy new. Can someone know store with normal price. I need 2SC2290.

73
Matjaz
S56ZVD

1350. Looking FT707

Yahoo group: FT-707
Date: 2014-01-25 09:08:20 UTC
From: <k0ire@...>
Topic: 1350 Message: 1350

Hi I'm looking for a FT-707 in good condition , I have one now and need to put in the shack.
preferably in europe

73's Frank mail k0ire@yahoo.it

1351. RE: FT707 output power

Yahoo group: FT-707
Date: 2014-01-25 13:15:03 UTC
From: <matjaz.zejn@...>
Topic: 1347 Message: 1351

I put in photos galery my measurement on my PA of my FT707.
The output 2sc2290 does not have strengthening, destroyed.
All measurement made by osciloscop AC volt. The DC volt are correct.

73
Matjaz
S56TVD

1352. Re: [FT-707] RE: FT707 output power

Yahoo group: FT-707
Date: 2014-01-26 14:21:04 UTC
From: Kb3hg@...
Topic: 1347 Message: 1352

I Googled 2SC2290 and found several sources, Next I Googled 2SC2290 prices and found more.
73,
Tom

-----Original Message-----
From: matjaz.zejn <matjaz.zejn@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, Jan 24, 2014 12:07 am
Subject: [FT-707] RE: FT707 output power

I thing the pa transistor are broken. I try to buy new. Can someone know store with normal price. I need 2SC2290.

73
Matjaz
S56ZVD

1353. Disassembled FT-707

Yahoo group: FT-707
Date: 2014-02-12 21:56:35 UTC
From: <maddrewski1@...>
Topic: 1353 Message: 1353

Anyone had display instability problems with the 707? I've got one that is partially pulled down, I've gotten RF out, but the PO pulled the VFO as he thought it was causing the freq instability. Turns out is is a combination of two problems. Got the VFO working OK, a couple of cold solder joints, but the display will run up or down in freq. depending on its mood. I'm to the point of selling it for spares if I can't figure this out. Having gone thru a couple of Icoms, I'm used to poor solder joints, etc. but see none of these on the 707 main boards. As I have half a foot of snow on the ground, thought I'd dig it out and play with it some. Almost acts as if some interference on the CMOS levels...but think the 707 logic is mostly TTL. Any ideas??

Thanks in advance;
N4ABA Andrew

1354. RE: [FT-707] Disassembled FT-707

Yahoo group: FT-707
Date: 2014-02-13 06:45:53 UTC
From: Dave
Topic: 1353 Message: 1354

Hi Andrew

The instability issue - are you finding that the display wanders around whilst the radio stays on frequency - If so is it more prevalent when the radio is warm?

73 Dave G7HNO

1355. RE: Disassembled FT-707

Yahoo group: FT-707
Date: 2014-02-13 17:37:26 UTC
From: <corner5@...>
Topic: 1353 Message: 1355

This might help. It fixed my "wandering" freq. display on my 707. A very well spent $37.
ac0z.
Counter IC: MSM9520RS Replacement Module

==>
http://oh8jep.kotinet.com/ja2svz/ http://oh8jep.kotinet.com/ja2svz/
,
http://homepage3.nifty.com/RadioGaGa/COUNTER_e/
http://homepage3.nifty.com/RadioGaGa/COUNTER_e/
.

1356. Re: [FT-707] Disassembled FT-707

Yahoo group: FT-707
Date: 2014-02-13 14:48:30 UTC
From: Curt
Topic: 1353 Message: 1356

Remember that the display is simply a frequency counter...it has no real impact on the RF determining ability. If the counter is not locking on to the VFO freq, then it will wander. Perhaps just re-capping that area will help.

If I recal, there is a reference osc in the counter as well, so you can look at that. Unfortunately, without a scope, this can be a hit or miss troubleshooting problem. With a scope, you should be able to go thru the counter stage by stage. The Schematics are pretty helpful in this regard.

Curt
KU8L

On 2/12/2014 4:56 PM, maddrewski1@... wrote:
>
> Anyone had display instability problems with the 707? I've got one
> that is partially pulled down, I've gotten RF out, but the PO pulled
> the VFO as he thought it was causing the freq instability. Turns out
> is is a combination of two problems. Got the VFO working OK, a couple
> of cold solder joints, but the display will run up or down in freq.
> depending on its mood. I'm to the point of selling it for spares if I
> can't figure this out. Having gone thru a couple of Icoms, I'm used to
> poor solder joints, etc. but see none of these on the 707 main
> boards. As I have half a foot of snow on the ground, thought I'd dig
> it out and play with it some. Almost acts as if some interference on
> the CMOS levels...but think the 707 logic is mostly TTL. Any ideas??
>
> Thanks in advance;
> N4ABA Andrew
>
>

1357. where does a wire go?

Yahoo group: FT-707
Date: 2014-02-13 19:43:56 UTC
From: <paulhurm@...>
Topic: 1357 Message: 1357

I have decided to try to go through an FT-707 that I have had sitting for about two years. This is going to be an extra challenge due to eyesight issues and my first question comes about due to that issue. I do have old notes from previous posts that should help with other problems, but I do have the following specific question that I hope someone can help with.

I have the radio opened up, laying with the bottom up. I am looking from the back so this puts the mic connector to the extreme left and the mode switch next in to the right. I have a black wire coming up from the back of the mic connector that has been cut and stripped back. I have another black wire coming from the back of the mode switch, also cut and stripped. I may have been the one to cut and strip these at some point but don't recall if or why.

I can't really see well enough to confirm what locations these black wires are connected to on the connector or switch, at least not by seeing any numbers stamped on the parts.

I have been able to trace the mic connector and that black wire is on pin 7. Per schematics I have pin 7 is a ground. I assume I could connect this wire to chassis ground and be OK but if someone can point me to exactly where it should go, it might be nice to solder it back to the "right" place.

The black wire on the mode switch is a bit harder for me to track. Looking at the back of the switch, with chassis bottom up, this wire comes from a solder lug on the switch at about the 3 o'clock position. This lug also has a wire that runs across the back of the switch over to the left side of the switch and connects to a lug there at about the 8 o'clock position.

Not sure if this will help, but these two wires physically look the same from the viewpoint of diameter, insulation color and composition, and the wire itself seems the same.

Any chance these two wires are actually supposed to connect to each other?

If anyone has a definite thought as to what to do with these two wires, I would greatly appreciate any ideas.

I will undoubtedly have more questions as this project progresses.

73.

Paul, N8OT

1358. auto tuner for ft 707

Yahoo group: FT-707
Date: 2014-02-16 00:00:38 UTC
From: <honeygreen3@...>
Topic: 1358 Message: 1358

I have a end fed wire antenna,what i would like to know,has anyone used a auot tuner on this type of antenna,if so which kind?
Thank you

1359. Tech Special

Yahoo group: FT-707
Date: 2014-02-19 02:52:21 UTC
From: Barry Sherwood
Topic: 1359 Message: 1359

Last week I purchased a 707 tech special. It turns on without popping the fuse and the display reads 95.XXX and that is about all it does. I have not tried to see if it has any output into a dummy load yet. Has anyone else experienced this? Any advice w
ill be appreciated.
--
Thanks
Barry Sherwood

N5HWEx-KF5GC
Ex-N5GZX

1360. Re: [FT-707] Tech Special

Yahoo group: FT-707
Date: 2014-02-19 05:12:07 UTC
From: Charlie , W5COV
Topic: 1359 Message: 1360

So many possibilities, more information would certainly be helpful.
Whether it has RF output "could" be a helpful clue. Do you have anything
at all, such as audio out of the speaker ?

Charlie, W5COV

On 2/18/2014 8:52 PM, Barry Sherwood wrote:
> Last week I purchased a 707 tech special. It turns on without popping
> the fuse and the display reads 95.XXX and that is about all it does. I
> have not tried to see if it has any output into a dummy load yet. Has
> anyone else experienced this? Any advice w
> ill be appreciated.
> --
> *Thanks*
> *Barry Sherwood*
> *N5HW
> Ex-KF5GC*
> *Ex-N5GZX*
>

1361. Re: [FT-707] Tech Special

Yahoo group: FT-707
Date: 2014-02-19 13:58:42 UTC
From: Curt
Topic: 1359 Message: 1361

Since the display is just a counter and not part of the frequency determining part of the rig, If the counter goes up to that number, It suggests that it may not be getting any ascillator input. VFO may not be running.

It could be just the counter also but in that case everything works as it should except no readout.

Is the Rx working? all bands modes?

What kind of test equipment do you have?

Curt
KU8L

On 2/18/2014 9:52 PM, Barry Sherwood wrote:
> Last week I purchased a 707 tech special. It turns on without popping
> the fuse and the display reads 95.XXX and that is about all it does. I
> have not tried to see if it has any output into a dummy load yet. Has
> anyone else experienced this? Any advice w
> ill be appreciated.
> --
> *Thanks*
> *Barry Sherwood*
> *N5HW
> Ex-KF5GC*
> *Ex-N5GZX*
>

1362. RE: Tech Special

Yahoo group: FT-707
Date: 2014-02-19 16:20:17 UTC
From: <allenbh@...>
Topic: 1359 Message: 1362

Hi Barry,
You didn't say, so maybe not, if it receives anything. Even using a long wire, but I'm sure that you have antennas outside.
The display counter ASIC may be bad. I had one I used for a few years with the analog dial, until I put in the retrofit counter. That does not affect the operation of anything but the display. Take the top off, and touch around the back of the top board. Look for where the little coaxial cable comes from the filter board in the back up to the connector. I had one that could only hear the calibrator, but the signals and noise came in great when touching that coax or components in back of that board. Found that the fuse lamp (grain of wheat bulb) was blown. And there are several relays that are known to stick or be dirty.
Next, put it on a dummy load and turn the carrier and mic down, and verify voltages on the power supply board in the different modes (Rx/Tx). The 8 volts there is used for a lot of functions. Then, using either a key (or wires on a plug) or the mic, slowly turn up the carrier (for AM (PTT closed)or CW (key-down)) and see if you have any output. Then report back.
These are GREAT "little" radios - marvels of analog technology, considering the age and price. I have an FT-707 sitting next to an FT-100 (non-D), with external speakers on both, and the sound is really sweeter from the '707. Seem to hear about as well, too!
73, gotta run!
Bill AJ4TX

1363. Re: [FT-707] Tech Special

Yahoo group: FT-707
Date: 2014-02-19 07:45:08 UTC
From: Francesco Messineo
Topic: 1359 Message: 1363

Hello,

On Wed, Feb 19, 2014 at 3:52 AM, Barry Sherwood <ars.kf5gc@...> wrote:
>
>
>
> Last week I purchased a 707 tech special. It turns on without popping the fuse and the display reads 95.XXX and that is about all it does. I have not tried to see if it has any output into a dummy load yet. Has anyone else experienced this? Any advice w
> ill be appreciated.

this can be caused actually by a lot of different problems.
First of all, does this happen on all bands? Just some? Just one?
Basicly the counter circuit isn't working, that might mean (one or more of the following):

1) no sample LO signal is reaching the counter board, the coax connection going to the counter board is famous for breaking at the connector on the RF board, I've seen this happen a few times. With this fault, the radio can RX and TX just fine, symptom is the same on all bands.
2) The counter isn't working, this might be a simple solder joint or a bad component in the counter PCB, needs troubleshooting but RX and TX work fine, symptom is the same on all bands most of the times.
3) No LO signal is beeing generated, this definitely needs some more troubleshooting and no RX or TX is possible on bands affected. Most of the time not all bands are affected, depends on the actual fault.

73
Frank IZ8DWF

1364. RE: Tech Special

Yahoo group: FT-707
Date: 2014-02-19 18:37:10 UTC
From: <matjaz.zejn@...>
Topic: 1359 Message: 1364

Hi Barry.
Few months ago I buy FT707 in parts dismantled.
In files chapters found service manual and study how too set up all parts.
The FT 707 working only PA stage broken, must buy new 2SC2290.
First checks activity of oscillators and voltage on measurement point on board, that are described in manual. For this need voltmeter and osciloscop.
Working FT draw about 600mA in RX mode.
When switch in tx mode you must heard rele to make click.
Successful assembly
Matjaz

1365. Re: [FT-707] Tech Special

Yahoo group: FT-707
Date: 2014-02-19 20:18:05 UTC
From: Barry Sherwood
Topic: 1359 Message: 1365

First off let me Thank everyone that responded to my query. There is no sound from the receiver with or without an antenna. There is no rf output at the antenna connector. I plan to do further testing as time allows. Stay tuned.

On Wed, Feb 19, 2014 at 1:45 AM, Francesco Messineo <
francesco.messineo@...> wrote:

>
>
> Hello,
>
>
> On Wed, Feb 19, 2014 at 3:52 AM, Barry Sherwood <ars.kf5gc@...>
> wrote:
> >
> >
> >
> > Last week I purchased a 707 tech special. It turns on without popping
> the fuse and the display reads 95.XXX and that is about all it does. I have
> not tried to see if it has any output into a dummy load yet. Has anyone
> else experienced this? Any advice w
> > ill be appreciated.
>
> this can be caused actually by a lot of different problems.
> First of all, does this happen on all bands? Just some? Just one?
> Basicly the counter circuit isn't working, that might mean (one or
> more of the following):
>
> 1) no sample LO signal is reaching the counter board, the coax
> connection going to the counter board is famous for breaking at the
> connector on the RF board, I've seen this happen a few times. With
> this fault, the radio can RX and TX just fine, symptom is the same on
> all bands.
> 2) The counter isn't working, this might be a simple solder joint or a
> bad component in the counter PCB, needs troubleshooting but RX and TX
> work fine, symptom is the same on all bands most of the times.
> 3) No LO signal is beeing generated, this definitely needs some more
> troubleshooting and no RX or TX is possible on bands affected. Most of
> the time not all bands are affected, depends on the actual fault.
>
> 73
> Frank IZ8DWF
>
>

>

--
Barry Sherwood

N5HWEx-KF5GC
Ex-N5GZX

1366. Re: [FT-707] Tech Special

Yahoo group: FT-707
Date: 2014-02-19 21:34:58 UTC
From: Francesco Messineo
Topic: 1359 Message: 1366

On Wed, Feb 19, 2014 at 9:18 PM, Barry Sherwood <ars.kf5gc@...> wrote:
>
>
>
> First off let me Thank everyone that responded to my query. There is no sound from the receiver with or without an antenna. There is no rf output at the antenna connector. I plan to do further testing as time allows. Stay tuned.

this means there's no LO signal. It's all the same on all bands?
If nothing changes by changing band, then the problem might be the
VFO. Sometimes the FIX switch gets dirty and no power goes to the
internal VFO, all bands appear dead this way.

73
Frank IZ8DWF

1367. Re: [FT-707] Tech Special

Yahoo group: FT-707
Date: 2014-02-19 22:04:45 UTC
From: Charlie , W5COV
Topic: 1359 Message: 1367

It is sounding like you need to start measuring some power supply voltages along with the power supply voltage to the rig with the rig turned on.

Charlie, W5COV

On 2/19/2014 2:18 PM, Barry Sherwood wrote:
> First off let me Thank everyone that responded to my query. There is
> no sound from the receiver with or without an antenna. There is no rf
> output at the antenna connector. I plan to do further testing as time
> allows. Stay tuned.
>
>
> On Wed, Feb 19, 2014 at 1:45 AM, Francesco Messineo
> <francesco.messineo@... <mailto:francesco.messineo@...>>
> wrote:
>
> Hello,
>
>
>
> On Wed, Feb 19, 2014 at 3:52 AM, Barry Sherwood
> <ars.kf5gc@... <mailto:ars.kf5gc@...>> wrote:
> >
> >
> >
> > Last week I purchased a 707 tech special. It turns on without
> popping the fuse and the display reads 95.XXX and that is about
> all it does. I have not tried to see if it has any output into a
> dummy load yet. Has anyone else experienced this? Any advice w
> > ill be appreciated.
>
> this can be caused actually by a lot of different problems.
> First of all, does this happen on all bands? Just some? Just one?
> Basicly the counter circuit isn't working, that might mean (one or
> more of the following):
>
> 1) no sample LO signal is reaching the counter board, the coax
> connection going to the counter board is famous for breaking at the
> connector on the RF board, I've seen this happen a few times. With
> this fault, the radio can RX and TX just fine, symptom is the same on
> all bands.
> 2) The counter isn't working, this might be a simple solder joint or a
> bad component in the counter PCB, needs troubleshooting but RX and TX
> work fine, symptom is the same on all bands most of the times.

> 3) No LO signal is beeing generated, this definitely needs some more
> troubleshooting and no RX or TX is possible on bands affected. Most of
> the time not all bands are affected, depends on the actual fault.
>
> 73
> Frank IZ8DWF
>
>
>
>
> --
> *Barry Sherwood*
> *N5HW
> Ex-KF5GC*
> *Ex-N5GZX*
>

1368. Way to get all messages?

Yahoo group: FT-707
Date: 2014-02-25 21:42:38 UTC
From: <paulhurm@...>
Topic: 1368 Message: 1368

I know many will probably wonder about "why" I would want to do the following but for the way I want to work a research issue, this would help.

Is therre any way to get a full, sequential copy of *all* messages posted here since time zero? (Yes I realize how many etc!! :-))

I would want all messages, full text into a format that I could just read through without having to click on a message header, read, jump back to the list, etc. This is all that I can see to do while working on the web site itself. With just a big txt or wp doc, I can use some processes / tools to dig find things the way I want.

Any ideas?

TIA

Paul, N8OT

1369. RE: Paint?

Yahoo group: FT-707
Date: 2014-02-28 10:12:53 UTC
From: <m1bcb@...>
Topic: 1150 Message: 1369

I see that nobody posted, did you manage to find out the paint RAL or Pantone paint colour?

1370. re-request for help

Yahoo group: FT-707
Date: 2014-03-04 16:53:55 UTC
From: <paulhurm@...>
Topic: 1370 Message: 1370

If anyone has:
1) your FT-707 open on the bench
2) or knows of a source of good photos that might show what I need

please help!! - this question has my progress on reworking an FT-707 at a standstill.

If you think you might be able to help, please go back to my post noted below for details about what I am looking for help with.
Subject - [FT-707] where does a wire go?
Dated - Thu 02/13/2014

I have looked through a large portion of the posts here and did find one photo but it was not detailed enough to answer my question.

Any thoughts at all will be appreciated!

Paul, N8OT
paulhurm@gmail.com mailto:paulhurm@gmail.com
* My article about Field Day 2012
www.arrl.org/winning-field-day-with-one-contact
http://www.arrl.org/winning-field-day-with-one-contact
* Radio Astronomy
www.naapo.org http://www.naapo.org
* My World War One photography project
www.typicalfrenchkiddies.com http://www.typicalfrenchkiddies.com -or-
www.facebook.com/typicalfrenchkiddies http://www.facebook.com/typicalfrenchkiddies

1371. RE: re-request for help

Yahoo group: FT-707
Date: 2014-03-04 19:46:26 UTC
From: <m1bcb@...>
Topic: 1370 Message: 1371

Hi Paul

If you do not mind waiting a few days, I have a FT707s that I have bought non-working on ebay that I will be opening up when it arrives

Regards

Dennis
M1bcb

1372. Re: [FT-707] re-request for help

Yahoo group: FT-707
Date: 2014-03-04 20:23:02 UTC
From: Kb3hg@...
Topic: 1370 Message: 1372

repost the question about the wire, board ect. .

-----Original Message-----
From: paulhurm <paulhurm@...>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Tue, Mar 4, 2014 2:01 pm
Subject: [FT-707] re-request for help

If anyone has:
1) your FT-707 open on the bench
2) or knows of a source of good photos that might show what I need

please help!! - this question has my progress on reworking an FT-707 at a standstill.

If you think you might be able to help, please go back to my post noted below for details about what I am looking for help with.
Subject - [FT-707] where does a wire go?
Dated - Thu 02/13/2014

I have looked through a large portion of the posts here and did find one photo but it was not detailed enough to answer my question.

Any thoughts at all will be appreciated!

Paul, N8OT
paulhurm@...
* My article about Field Day 2012
www.arrl.org/winning-field-day-with-one-contact
* Radio Astronomy
www.naapo.org
* My World War One photography project
www.typicalfrenchkiddies.com -or- www.facebook.com/typicalfrenchkiddies

1373. RE: re-request for help

Yahoo group: FT-707
Date: 2014-03-04 21:54:16 UTC
From: <matjaz.zejn@...>
Topic: 1370 Message: 1373

Hello Paul,
I have FT707 on bench and tommorow make few pictures and send you.
I recevied my FT707 in parts and then found service manual on this group and study all conection. Now FT707 working but PA stage broken, must buy new 2sc2290.
73 from Slovenia
Matjaz
S56ZVD

1374. RE: re-request for help

Yahoo group: FT-707
Date: 2014-03-05 03:25:59 UTC
From: <ve5uj@...>
Topic: 1370 Message: 1374

Me To FT-707@yahoogroups.com
https://ca-mg6.mail.yahoo.com/neo/launch?.rand=73rb7j2m2frg3#

Today at 9:17 PM

Hi Paul. I must have missed this request the first time over.
I pulled out the 707 here tonight and it is already apart from my last attempt at fixing it.

With the bottom cover off and in the manner you mentioned the two black wires are plainly evident and are both soldered to the same ground lug which is held down by the circuit board mounting screw closest to them. That is the screw in the upper left corner of the board.

The ground wire attached to the function switch appears on this switch at least to be in about the 2 o'clock position, viewing the rear of the switch. I did not check where the ground from the mic connector comes from . Your word is good enough for me.

I'll put this thing on a shelf so it is ready for photographs in case you need further info. Good luck with that rig Paul. Great transceiver when it is working. This one had an altercation with an incompatible power supply in that two of the pins on the connector were connected to the power transformer input and the AC line. Not the correct ones it seems. When plugged in, some items "went away". Some capacitors and a resistor had vaporized and a couple of semiconductors had to be replaced including the pre-driver transistor. After replacement, it operated well for about half an hour before loosing it's output signal again and I suspect the same pre-driver. I must have missed something in the initial trouble shooting. Good luck Paul and keep us informed. 73
Gordon, VE5UJ

1375. RE: re-request for help

Yahoo group: FT-707
Date: 2014-03-05 03:34:30 UTC
From: <ve5uj@...>
Topic: 1370 Message: 1375

Hi Paul, I sent you reply this evening but haven't seen it show up yet. First it replied to your email on the 13th and then I brought it along and posted it here but I don't see it either place yet. Hope it shows up by morning. I will check back then, 73 Gordon. VE5UJ

1376. RE: [FT-707] re-request for help

Yahoo group: FT-707
Date: 2014-03-05 04:10:53 UTC
From: <paulhurm@...>
Topic: 1370 Message: 1376

>>>>

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Kb3hg@...
Sent: Tuesday, March 04, 2014 3:23 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] re-request for help

repost the question about the wire, board etc

Here is hopefully a more straight forward description of the current issue I am facing with the FT-707 I am trying to fix.

I expect to have other questions to post here but I have to go step by step. I am reluctant to apply power until this first issue is resolved.

1 – the radio is open, lying with bottom up

2 – I'm looking from the back so mic connector is on left and mode switch is next towards the right

3 – a black wire is coming from the back of the mic connector - it has been cut and stripped back

4 – this wire appears to go to pin 7 of the mic connector (per continuity test not eyesight)

5 – another black wire is coming from the back of the mode switch, also cut and stripped back

6 – I can't see the mode switch well enough to see a lug number but…

7 – the lug is at about the 3 o'clock position

8 – this lug has another wire running across the back over to the left side of the switch

9 – that wire then connects to a lug at about the 8 o'clock position on the switch

The two cut wires physically look the same from the viewpoint of diameter, and the insulation seems to be the same color and composition. The metal strands also seem to be of the same composition and number.

This makes me wonder if these two wires are actually supposed to connect to each other. Can anyone figure that out?

If they don't actually connect together, where do they go?

Per schematics I have, pin 7 on the mic connector is ground. I therefore assume I could connect that perticular wire to any chassis ground and be OK. But, if we can figure out where it should go, it might be nice to connect it back to the "right" place.

If these two wires don’t connect to each other, where do they go?

Does anyone know of any high resolution photographs that I might see that would show this just in case I can’t get someone to look at a real radio? I did find a photo in the files section but it was not quite clear enough to help.

Paul, N8OT

paulhurm@...

* My World War One photography project

www.typicalfrenchkiddies.com -or- www.facebook.com/typicalfrenchkiddies

* Radio Astronomy

www.naapo.org

* My article about Field Day 2012

www.arrl.org/winning-field-day-with-one-contact

1377. Re: [FT-707] where does a wire go?

Yahoo group: FT-707
Date: 2014-03-05 03:17:16 UTC
From: Gordon Gwillim
Topic: 1357 Message: 1377

Hi Paul. I must have missed this request the first time over.
I pulled out the 707 here tonight and it is already apart from my last attempt at fixing it.

With the bottom cover off and in the manner you mentioned the two black wires are plainly evident and are both soldered to the same ground lug which is held down by the circuit board mounting screw closest to them. That is the screw in the upper left corner of the board.

The ground wire attached to the function switch appears on this switch at least to be in about the 2 o'clock position, viewing the rear of the switch. I did not check where the ground from the mic connector comes from . Your word is good enough for me.

I'll put this thing on a shelf so it is ready for photographs in case you need further info. Good luck with that rig Paul. Great transceiver when it is working. This one had an altercation with an incompatible power supply in that two of the pins on the connector were connected to the power transformer input and the AC line. Not the correct ones it seems. When plugged in, some items "went away". Some capacitors and a resistor had vaporized and a couple of semiconductors had to be replaced including the pre-driver transistor. After replacement, it operated well for about half an hour before loosing it's output signal again and I suspect the same pre-driver. I must have missed something in the initial trouble shooting. Good luck Paul and keep us informed. 73
Gordon, VE5UJ

On Thursday, February 13, 2014 2:38:11 PM, "paulhurm@gmail.com" <paulhurm@...> wrote:

I
have decided to try to go through an FT-707 that I have had sitting for about two years. This is going to be an extra challenge due to eyesight issues and my first question comes about due to that issue. I do have old notes from previous posts that should help with other problems, but I do have the following specific question that I hope someone can help with.

I
have the radio opened up, laying with the bottom up. I am looking from the back so this puts the mic connector to the extreme left and the mode switch next in to the right. I have a black wire coming up from the back of the mic connector that has been cut and stripped back. I have another black wire coming from the back of the mode switch, also cut and stripped. I may have been the one to cut and strip these at some point but don't recall if or why.

I
can't really see well enough to confirm what locations these black wires are connected to on the connector or switch, at least not by seeing any numbers stamped on the parts.

I
have been able to trace the mic connector and that black wire is on pin 7. Per schematics I have pin 7 is a ground. I assume I could connect this wire to chassis ground and be OK but if someone can point me to exactly where it should go, it might be nice to solder it back to the "right" place.

The
black wire on the mode switch is a bit harder for me to track. Looking at the back of the switch, with chassis bottom up, this wire comes from a solder lug on the switch at about the 3 o'clock position. This lug also has a wire that runs across the back of the switch over to the left side of the switch and connects to a lug there at about the 8 o'clock position.

Not
sure if this will help, but these two wires physically look the same from the viewpoint of diameter, insulation color and composition, and the wire itself seems the same.

Any
chance these two wires are actually supposed to connect to each other?

If
anyone has a definite thought as to what to do with these two wires, I would greatly appreciate any ideas.

I
will undoubtedly have more questions as this project progresses.

73.

Paul,
N8OT

1378. RE: [FT-707] RE: re-request for help

Yahoo group: FT-707
Date: 2014-03-05 03:05:25 UTC
From: <paulhurm@...>
Topic: 1370 Message: 1378

Any help will be appreciated! In response to another request, I will be sending another message, probably in the morning, with hopefully a more succinct description of the current situation I am fighting.

Thanks.

Paul, N8OT

paulhurm@...

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of m1bcb@...
Sent: Tuesday, March 04, 2014 2:46 PM
To: FT-707@yahoogroups.com
Subject: [FT-707] RE: re-request for help

Hi Paul

If you do not mind waiting a few days, I have a FT707s that I have bought non-working on ebay that I will be opening up when it arrives

Regards

Dennis

M1bcb

1379. RE: [FT-707] RE: re-request for help

Yahoo group: FT-707
Date: 2014-03-05 09:55:48 UTC
From: <matjaz.zejn@...>
Topic: 1370 Message: 1379

Hi Paul in photo directory put 15 jpg files.
In https://groups.yahoo.com/neo/groups/FT-707/files/FT707%20Service%20manual%20scans./ https://groups.yahoo.com/neo/groups/FT-707/files/FT707%20Service%20manual%20scans./ found service manual.
73 by Matjaz S56ZVD

1380. RE: [FT-707] where does a wire go?

Yahoo group: FT-707
Date: 2014-03-05 09:50:20 UTC
From: Robert
Topic: 1357 Message: 1380

Any chance of a pic, I too have an VK 707, but happy to remove a cover.

Robert

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Gordon Gwillim
Sent: Wednesday, 5 March 2014 2:17 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] where does a wire go?

Hi Paul. I must have missed this request the first time over.

I pulled out the 707 here tonight and it is already apart from my last attempt at fixing it.

With the bottom cover off and in the manner you mentioned the two black wires are plainly evident and are both soldered to the same ground lug which is held down by the circuit board mounting screw closest to them. That is the screw in the upper left corner of the board.

The ground wire attached to the function switch appears on this switch at least to be in about the 2 o'clock position, viewing the rear of the switch. I did not check where the ground from the mic connector comes from . Your word is good enough for me.

I'll put this thing on a shelf so it is ready for photographs in case you need further info. Good luck with that rig Paul. Great transceiver when it is working. This one had an altercation with an incompatible power supply in that two of the pins on the connector were connected to the power transformer input and the AC line. Not the correct ones it seems. When plugged in, some items "went away". Some capacitors and a resistor had vaporized and a couple of semiconductors had to be replaced including the pre-driver transistor. After replacement, it operated well for about half an hour before loosing it's output signal again and I suspect the same pre-driver. I must have missed something in the initial trouble shooting. Good luck Paul and keep us informed. 73

Gordon, VE5UJ

On Thursday, February 13, 2014 2:38:11 PM, "paulhurm@..." <paulhurm@...> wrote:

I have decided to try to go through an FT-707 that I have had sitting for about two years. This is going to be an extra challenge due to eyesight issues and my first question comes about due to that issue. I do have old notes from previous posts that should help with other problems, but I do have the following specific question that I hope someone can help with.

I have the radio opened up, laying with the bottom up. I am looking from the back so this puts the mic connector to the extreme left and the mode switch next in to the right. I have a black wire coming up from the back of the mic connector that has been cut and stripped back. I have another black wire coming from the back of the mode switch, also cut and stripped. I may have been the one to cut and strip these at some point but don't recall if

or why.

I can't really see well enough to confirm what locations these black wires are connected to on the connector or switch, at least not by seeing any numbers stamped on the parts.

I have been able to trace the mic connector and that black wire is on pin 7. Per schematics I have pin 7 is a ground. I assume I could connect this wire to chassis ground and be OK but if someone can point me to exactly where it should go, it might be nice to solder it back to the "right" place.

The black wire on the mode switch is a bit harder for me to track. Looking at the back of the switch, with chassis bottom up, this wire comes from a solder lug on the switch at about the 3 o'clock position. This lug also has a wire that runs across the back of the switch over to the left side of the switch and connects to a lug there at about the 8 o'clock position.

Not sure if this will help, but these two wires physically look the same from the viewpoint of diameter, insulation color and composition, and the wire itself seems the same.

Any chance these two wires are actually supposed to connect to each other?

If anyone has a definite thought as to what to do with these two wires, I would greatly appreciate any ideas.

I will undoubtedly have more questions as this project progresses.

73.

Paul, N8OT

1381. RE: [FT-707] where does a wire go?

Yahoo group: FT-707
Date: 2014-03-05 15:33:53 UTC
From: <paulhurm@...>
Topic: 1357 Message: 1381

ARGHHHH!! A sound of frustration emanates from the throat of N8OT!!!!

First, thanks for the several replies in the last day or so, I felt confident this group would try to help!

Now as to the frustration = IE strikes again!!!

I still generally just jump to IE for my browser but am using older IE8 on XP. Anyhow, after the update to the photos section that came through, I logged on to Yahoo to go through the album. As I checked the folders there, when the mouse hovers over an album it says X number of photos in the album. One album I took a quick look at said 30 photos. When I went into the album I was not seeing all 30 though only about 20! I jumped over to Chrome and they were all there! So, IE bites it again! (at least with my older PC).

So, later, probably this evening, I will have to go back through the photos section again more carefully. A quick look did not show any photos that quite show where I need to see but the text of one reply has me strongly thinking I will just connect the two wires in question together under the assumption that it was a single wire that was cut during a previous fix attempt. (Will use clip leads temporarily so I can disconnect if smoke erupts or heat ensues!)

Unless anyone objects, I plan to post ongoing progress notes on my attempts to get this radio going again (questions as well I'm sure). I currently expect my effort to take several weeks due to numerous projects I have going. Sometimes I hate concurrent projects because they all call for my attention at the same time! ;-)

Thanks again and will post more as I go.

Paul

paulhurm@...

* My World War One photography project

www.typicalfrenchkiddies.com -or- www.facebook.com/typicalfrenchkiddies

* Radio Astronomy

www.naapo.org

* My article about Field Day 2012

www.arrl.org/winning-field-day-with-one-contact

1382. RE: [FT-707] where does a wire go?

Yahoo group: FT-707
Date: 2014-03-05 15:49:15 UTC
From: <paulhurm@...>
Topic: 1357 Message: 1382

<<snip>>

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of Gordon Gwillim
Sent: Wednesday, 5 March 2014 2:17 PM
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] where does a wire go?

With the bottom cover off and in the manner you mentioned the two black wires are plainly evident and are both soldered to the same ground lug which is held down by the circuit board mounting screw closest to them. That is the screw in the upper left corner of the board.

The ground wire attached to the function switch appears on this switch at least to be in about the 2 o'clock position, viewing the rear of the switch. I did not check where the ground from the mic connector comes from . Your word is good enough for me.

Gordon, VE5UJ

<<end snip>>

This info helps! I think I may have done the snipping and forgotten (probably true due to poor memory ;-( )

I bought this rig with the known issue of LSB not working properly. I recall messing around with the LSB crystal which was poorly soldered. I am guessing a bit but I assume I may have disconnected the two black wires from the solder lug (or they broke in handling) as a step towards being able to lift the circuit board enough to re-solder the crystal. The solder lug and screw are completely gone so now I need to find the correct pill bottle that I would have put them in. (probably hopeless but I will look!)

I do recall unsoldering and swapping the LSB and USB crystals. LSB did work with the mode switch in USB. I therefore suspect a component problem in the LSB circuitry so once I get the radio powered back up I am attacking that issue next.

If anyone has thoughts on the LSB problem I would appreciate them. This question would have been my next question to post anyhow.

Again, thanks all!!!

Paul, N8OT

paulhurm@...

* My World War One photography project

www.typicalfrenchkiddies.com -or- www.facebook.com/typicalfrenchkiddies

* Radio Astronomy

www.naapo.org

* My article about Field Day 2012

www.arrl.org/winning-field-day-with-one-contact

1383. RE: [FT-707] RE: re-request for help - Progress Update

Yahoo group: FT-707
Date: 2014-03-06 00:16:36 UTC
From: <paulhurm@...>
Topic: 1370 Message: 1383

I posted some replies earlier but they appear not to have been released yet. Here is some further updated info as of about 7pm my local time. You will probably get several updates at once when they are approved.

Per the info in Gordon’s reply, I went ahead and tested the two black wires by temporarily grounding them. Powered up the radio and nothing exploded and things generally seem OK, hear signals, bands change OK, etc, etc.

My next task will be to attack the non-functioning LSB issue. I bought the radio with that being a known problem. As mentioned elsewhere, I have played with this before, swapped the crystals as noted etc.

I suspect the LSB problem to be in the support circuitry since I am pretty sure the crystal itself is OK. Recall that earlier I swapped the LSB and USB crystals and LSB worked OK with the mode switch turned appropriately. While swapped, USB did not work so it makes me suspect something wrong with the LSB oscillator circuitry itself rather than the crystal.

I mentioned this problem once a long time ago and someone had suggestions but I have not yet dug them out again.

If anyone has suggestions now that they want to pass on, I would definitely appreciate them.

The only other known issue will be to deal with driftiness.

More to come.

Paul, N8OT

paulhurm@...

* My World War One photography project

www.typicalfrenchkiddies.com -or- www.facebook.com/typicalfrenchkiddies

* Radio Astronomy

www.naapo.org

* My article about Field Day 2012

www.arrl.org/winning-field-day-with-one-contact

1384. Re: [FT-707] RE: re-request for help - Progress Update

Yahoo group: FT-707
Date: 2014-03-06 10:40:52 UTC
From: Francesco Messineo
Topic: 1370 Message: 1384

On Thu, Mar 6, 2014 at 1:16 AM, <paulhurm@...> wrote:
>
>
>
> I posted some replies earlier but they appear not to have been released yet. Here is some further updated info as of about 7pm my local time. You will probably get several updates at once when they are approved.
>
>
>
> Per the info in Gordon's reply, I went ahead and tested the two black wires by temporarily grounding them. Powered up the radio and nothing exploded and things generally seem OK, hear signals, bands change OK, etc, etc.
>
>
>
> My next task will be to attack the non-functioning LSB issue. I bought the radio with that being a known problem. As mentioned elsewhere, I have played with this before, swapped the crystals as noted etc.
>
>
>
> I suspect the LSB problem to be in the support circuitry since I am pretty sure the crystal itself is OK. Recall that earlier I swapped the LSB and USB crystals and LSB worked OK with the mode switch turned appropriately. While swapped, USB did not work so it makes me suspect something wrong with the LSB oscillator circuitry itself rather than the crystal.

I first suggest you to check all the front panel switch wirings. I
often observed this symptom or similar ones and most of the time was a
broken wire on the mode switch. You should check for the correct
voltages on the boards coming from the mode switch (either gnd or +8V
on selected mode, depending on the various sections of the switch).
If it's not the mode switch, more troubleshooting is needed.

73
Frank IZ8DWF

1385. Latest "repair" update and new problems

Yahoo group: FT-707
Date: 2014-03-06 04:49:07 UTC
From: <paulhurm@...>
Topic: 1385 Message: 1385

Had the radio sitting on its side but for the following will refer to sides and top as if radio was sitting properly on desk.

Had speaker disconnedted from top panel and sitting on radio. Speaker fell off and hit somewhere along what would be the top circuit area. Speaker wire broke so fixed that and plugged speaker back in. Then noticed that radio now has new problems. Wondering if speaker body shorted something long enough to cause the following - Ideas???

1 - frequency display is now going nuts! Band switch in 40 m position but display jumping around between 9 - 12 MHz and the KHz values are just all over the place, particularly the 3 right hand digits.

Is there anything to check or does it sound like I now have a bad display unit and will need to replace it with one of the options I have seen discussed on this forum?

2 - it was picking up signals quite well before on several bands but now only 40 seems to have any signals and they are very weak. Does this likely mean I will have to search for the bulb-fuse I recall being mentioned on this forum?

I need a half way decent rig but not badly enough to fight this thing too much longer. My eyesight presents an additional problem and working on this type of stuff is not as fun as it used to be.

I think I will hope for some helpful suggestions here, fight a little more but then may seriously consider selling it and letting someone else fight it.

Thanks for any thoughts on these two new issues.

Paul, N8OT

1386. Butchered 707s

Yahoo group: FT-707
Date: 2014-03-07 10:47:27 UTC
From: <m1bcb@...>
Topic: 1386 Message: 1386

I recently bought a "spares or repairs -no transmit" 707s on ebay, usually these require a bit of attention to get them working again and this was a simple fix to get the tx but unfortunately some previous butcher had got their hands into the radio and I have had to do all sorts of soldering and tacking to get it to work, still no 40 or 80m (components missing that are on order) and I am now faced with the task of having to replace some of the PCB connector plugs to tidy up my tacking exercise where they had burned the connectors out - does anyone know what make the originals were or where I can get an equivalent? Otherwise I will have to replace the pcb connector socket as well.

Thanks in advance
M1bcb

1387. FT-707 - one fix and more questions

Yahoo group: FT-707
Date: 2014-03-07 14:42:49 UTC
From: <paulhurm@...>
Topic: 1387 Message: 1387

My FT-707 is back “alive” after the speaker falling caused the previously noted problem. I had a private email that suggested something I was going to do anyhow but the reminder pushed me to go ahead instead of waiting.

I poked my finger around on the circuit board on the side where the speaker had hit. After a few pokes I got a brief burst of actual signal. Now, think about the white multi-wire connectors that plug into the boards at various locations. Poking narrowed things down to a particular one of those. It turns out that the center conductor of a shielded wire had been broken. It is a solid rather than stranded center conductor. As I was poking it would touch the other end of the broken wire, complete the circuit temporarily and allow me to hear signals again.

I went back and forth between a jeweler’s loop and two pairs of magnifying glasses stacked up, was able to remove the pin from the connector and re-solder the broken wire. This was all done at the extreme end of my eyesight range. So in any event, I have signals again!

NOW – A separate / new question and issue.

Another suggestion had been to check things out around the mode switch (for the LSB problem). I have not seen anything obviously wrong so far.

Does anyone happen to have any REALLY good photos or a color coded diagram of some sort that shows what the mode switch wiring is supposed to look like?

What I see in the service manual PDF I have does not quite help me.

I did notice something about the mode switch that bothers me a bit. I see two solder tabs that look like someone marked them with a felt pen. There is a red mark of ink on the solder itself. Interestingly, one of those tabs, even though marked, does not have a wire soldered to it. Also, I see another tab that appears to be a repair or possible mod. This tab has a wire attached to it that was not placed through the hole in the solder tab. If you have ever pushed a wire down onto a tab and put a blob of solder on and held it that way, this is what it looks like.

If anyone has ideas about mods that affected the mode switch please let me know. There are also some extra crystals for use with the “fix” option. I have not calculated what freq they are on. This makes me wonder if the wiring issue mentioned above might be a mod for CB or something even though only on channel would result.

Any new thoughts on any of the above will definitely be appreciated!

73

Paul, N8OT

1388. Complete FT-707 Station

Yahoo group: FT-707
Date: 2014-03-17 14:56:47 UTC
From: Mel Snyder
Topic: 1388 Message: 1388

I've been using this system less and less, having gotten seriously in full-frame digital photography and travel. No AM filter, otherwise everything Yaesu offered. I am the original owner, bought late 1981 from Harrison Radio after I had horrible RF feedback with an IC-701, and returned it to buy the 707. Yes, I take care of my equipment. Non smoker.

FT-707, including factory narrow CW filter and hand mike
FC-707 antenna tuner
FP-757GX "pancake" power supply - really nice for stacking. XYL approved for living room installation.

All working as they should, photos available upon request. Looks great, works great. The only "mod" was I swapped the top and bottom panels to allow better ventilation.

Absolutely will not separate units. Offering it to the group before I list it on eBay next week. Email me privately your offer.

Mel, W3PYF

1389. Re: [FT-707] Complete FT-707 Station

Yahoo group: FT-707
Date: 2014-03-18 13:20:00 UTC
From: Barry Sherwood
Topic: 1388 Message: 1389

Mel, would you take $300?

On Mon, Mar 17, 2014 at 9:56 AM, Mel Snyder <ct_digital_photog@...>wrote:

>
>
> I've been using this system less and less, having gotten seriously in
> full-frame digital photography and travel. No AM filter, otherwise
> everything Yaesu offered. I am the original owner, bought late 1981 from
> Harrison Radio after I had horrible RF feedback with an IC-701, and
> returned it to buy the 707. Yes, I take care of my equipment. Non smoker.
>
> FT-707, including factory narrow CW filter and hand mike
> FC-707 antenna tuner
> FP-757GX "pancake" power supply - really nice for stacking. XYL approved
> for living room installation.
>
> All working as they should, photos available upon request. Looks great,
> works great. The only "mod" was I swapped the top and bottom panels to
> allow better ventilation.
>
> Absolutely will not separate units. Offering it to the group before I list
> it on eBay next week. Email me privately your offer.
>
> Mel, W3PYF
>
>
>

--
Barry Sherwood

N5HWEx-KF5GC
Ex-N5GZX

1390. Re: [FT-707] Complete FT-707 Station

Yahoo group: FT-707
Date: 2014-03-19 22:12:56 UTC
From: Mel Snyder
Topic: 1388 Message: 1390

Barry, I don't think I could go that low. The rig itself without the CW filter is selling for $300, and the shipping would be a killer.

I think I need $300 for the rig. $100 for the tuner and $100 for the power supply.

On Tuesday, March 18, 2014 11:54 AM, Barry Sherwood <ars.kf5gc@...> wrote:

Mel, would you take $300?

On Mon, Mar 17, 2014 at 9:56 AM, Mel Snyder <ct_digital_photog@...> wrote:

>
>I've been using this system less and less, having gotten seriously in full-frame digital photography and travel. No AM filter, otherwise everything Yaesu offered. I am the original owner, bought late 1981 from Harrison Radio after I had horrible RF feedback with an IC-701, and returned it to buy the 707. Yes, I take care of my equipment. Non smoker.
>
>
>FT-707, including factory narrow CW filter and hand mike
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>FP-757GX "pancake" power supply - really nice for stacking. XYL approved for living room installation.
>
>
>All working as they should, photos available upon request. Looks great, works great. The only "mod" was I swapped the top and bottom panels to allow better ventilation.
>
>
>Absolutely will not separate units. Offering it to the group before I list it on eBay next week. Email me privately your offer.
>
>
>Mel, W3PYF

--

Barry Sherwood
N5HW
Ex-KF5GC
Ex-N5GZX

1391. Re: [FT-707] Complete FT-707 Station

Yahoo group: FT-707
Date: 2014-03-20 18:10:30 UTC
From: Barry Sherwood
Topic: 1388 Message: 1391

Ok, I understand, Thanks for the reply Mel.

On Wed, Mar 19, 2014 at 5:12 PM, Mel Snyder <ct_digital_photog@...>wrote:

>
>
> Barry, I don't think I could go that low. The rig itself without the CW
> filter is selling for $300, and the shipping would be a killer.
>
> I think I need $300 for the rig. $100 for the tuner and $100 for the power
> supply.
>
>
> On Tuesday, March 18, 2014 11:54 AM, Barry Sherwood <ars.kf5gc@...>
> wrote:
>
> Mel, would you take $300?
>
>
> On Mon, Mar 17, 2014 at 9:56 AM, Mel Snyder <ct_digital_photog@...>wrote:
>
>
> I've been using this system less and less, having gotten seriously in
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>
> Mel, W3PYF
>
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> --
> *Barry Sherwood*
>
> *N5HWEx-KF5GC*
> *Ex-N5GZX*
>
>
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>

--
Barry Sherwood

N5HWEx-KF5GC
Ex-N5GZX

1392. FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-14 14:45:18 UTC
From: <bob@...>
Topic: 1392 Message: 1392

Has anyone run into this problem??? My FT-707 transmits fine most of the time. Sometimes, in the middle of a transmission, the output power will rapidly fade to nothing. Unkeying then rekeying the transmitter usually restores output. Sometimes the rig goes for days without doing this. Sometimes it happens, seemingly, on every transmission.

When the failure occurs, current draw on the power supply also drops indicating that the rig is not making output power. Supply voltage stays normal. The supply also supplies several other rigs with no problems.

Comments?????

Bob WB8CAC

1393. Re: [FT-707] FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-14 15:13:55 UTC
From: Curt
Topic: 1392 Message: 1393

Hi Bob:

I would suspect the cheesy power connector for sure. If not the connector, suspect the ends of the pigtails where they join the board.

There are a bunch of simple connections in the 707 that could cause this type if intermittent failure.

FWIW

Curt
KU8L

On 4/14/2014 9:45 AM, bob@... wrote:
>
> Has anyone run into this problem??? My FT-707 transmits fine most of
> the time. Sometimes, in the middle of a transmission, the output power
> will rapidly fade to nothing. Unkeying then rekeying the transmitter
> usually restores output. Sometimes the rig goes for days without
> doing this. Sometimes it happens, seemingly, on every transmission.
>
> When the failure occurs, current draw on the power supply also drops
> indicating that the rig is not making output power. Supply voltage
> stays normal. The supply also supplies several other rigs with no
> problems.
>
> Comments?????
>
> Bob WB8CAC
>
>

1394. Re: FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-14 15:49:26 UTC
From: <mcgowani@...>
Topic: 1392 Message: 1394

Hi Bob,
if this happens on SSB but not on CW, I would strongly suspect dirty or slightly out of adjustment contacts on the little relay RL01 on the AF board. I have had these symptoms a couple of times in the past and it has always been this relay which needed a "tweek".

Ian, G8OFZ.

1396. RE: [FT-707] Re: FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-14 16:42:13 UTC
From: Bob Mason
Topic: 1392 Message: 1396

Thanks for the comment. Unfortunately, I forgot to happen that the problem occurs in all modes.

73
Bob WB8CAC
http://webpages.charter.net/wb8cac

Bob Mason
Senior System Technician
High Country Communications, Inc.
Linville, NC
Office 828-733-1822<tel:828-733-1822>
Cell 828-387-7841<tel:828-733-1822>
Fax 828-733-3651<tel:828-733-3651>

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of mcgowani@btinternet.com
Sent: Monday, April 14, 2014 12:02 PM
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: FT-707 Output power drops to zero

Hi Bob, if this happens on SSB but not on CW, I would strongly suspect dirty or slightly out of adjustment contacts on the little relay RL01 on the AF board. I have had these symptoms a couple of times in the past and it has always been this relay which needed a "tweek".

Ian, G8OFZ.

1397. RE: [FT-707] Re: FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-14 16:45:14 UTC
From: Bob Mason
Topic: 1392 Message: 1397

HATE this spell guessing. Previous message should have said:

Thanks for the comment. Unfortunately, I forgot to mention that the problem occurs in all modes.

73
Bob WB8CAC
http://webpages.charter.net/wb8cac

Bob Mason
Senior System Technician
High Country Communications, Inc.
Linville, NC
Office 828-733-1822<tel:828-733-1822>
Cell 828-387-7841<tel:828-733-1822>
Fax 828-733-3651<tel:828-733-3651>

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com] On Behalf Of mcgowani@btinternet.com
Sent: Monday, April 14, 2014 12:02 PM
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: FT-707 Output power drops to zero

Hi Bob, if this happens on SSB but not on CW, I would strongly suspect dirty or slightly out of adjustment contacts on the little relay RL01 on the AF board. I have had these symptoms a couple of times in the past and it has always been this relay which needed a "tweek".

Ian, G8OFZ.

1398. RE: [FT-707] Re: FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-14 19:43:17 UTC
From: <mcgowani@...>
Topic: 1392 Message: 1398

OK Bob, so not that relay!! I've had my 707 a fair few years and almost every fault has been loss of or intermittent output. On each occasion the culprit has been a relay, I guess they just get tired and lose tension in the contacts. My next suspect would be one of the relays that controls switching between Rx and Tx on the AVR board.

Ian, G8OFZ

1399. Re: FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-04-15 16:15:32 UTC
From: <bob@...>
Topic: 1392 Message: 1399

Anyone want to buy my problem child FT-707? I checked and cleaned up power connections and the thing behaved itself for more than a day. Unfortunately that wasn't the problem and it is back to intermittent power drops. Spent over 40 years fixing radios, but eyesight just not good enough to dig around the rig anymore.

The radio looks great, everything works properly except for the power output dropouts. It has the narrow CW filter, original hand mic (function buttons on mic don't work.... PTT does). Downloaded manual and original power cable.

Any offers??? Cash (paypal OK) or trade for old tube gear.

73
Bob WB8CAC
http://webpages.charter.net/wb8cac http://webpages.charter.net/wb8cac

1400. Re: FT-707

Yahoo group: FT-707
Date: 2014-04-15 17:20:38 UTC
From: <peliklaas@...>
Topic: 1392 Message: 1400

I will, but I guess the sending to Europe cost more than a fresh one.. ;)

Jinny

1401. Re: Paint?

Yahoo group: FT-707
Date: 2014-04-16 16:36:19 UTC
From: <m1bcb@...>
Topic: 1150 Message: 1401

Hi After much deliberation I found that RAL 840-HR MOOSGRAU is the nearest colour match for the FT-707 (Yaesu decided not to answer my emails on the subject)

73's

1402. Service Manual

Yahoo group: FT-707
Date: 2014-04-21 20:36:22 UTC
From: <ea4gig@...>
Topic: 1402 Message: 1402

Hi from Madrid:
I buy a FT 707 radio, and they have lite adjust.
I looking for a Good Qualite service manual.

I found lots a copy´s in "low resolution".

Any body can help me?.

Many Tks.

Angel
EA4GIG

1403. FT-707 suspected RX front end fault

Yahoo group: FT-707
Date: 2014-05-12 10:47:10 UTC
From: Richard Fusniak
Topic: 1403 Message: 1403

I've acquired this transceiver second hand from a silent key. The RX seems dead even with the volume turned up fully until an antenna is plugged in on 40m. Then oddly the background noise roars into life and peaks when the external ATU is tuned in. Despite this the RX seems deaf with SSB signals way down in strength, and the S meter bangs over into red when the the RF gain control is BACKED OFF anti-clockwise. I would have the S meter would have done the opposite and reduced the display of fairly lights showing.

Not sure what to expect but my guess is the front end FET (3SK73GR) has blown up or is oscillating? Anyone experienced the same sort of fault and if so what equivalent FET could I fit?

G3TFX

1404. Re: [FT-707] FT-707 suspected RX front end fault

Yahoo group: FT-707
Date: 2014-05-12 19:28:55 UTC
From: Dave
Topic: 1403 Message: 1404

On 12/05/2014 11:47, Richard Fusniak richard.fusniak@...
[FT-707] wrote:
> I've acquired this transceiver second hand from a silent key. The RX seems dead even with the volume turned up fully until an antenna is plugged in on 40m. Then oddly the background noise roars into life and peaks when the external ATU is tuned in. Despite this the RX seems deaf with SSB signals way down in strength,

Whats it like on CW? Is the "width" control set in the center....

> and the S meter bangs over into red when the the RF gain control is BACKED OFF anti-clockwise. I would have the S meter would have done the opposite and reduced the display of fairly lights showing.
>
I am not 100% certain but I believe that the RF gain turns up the AGC.
The "S" meter measures the AGC ....

> Not sure what to expect but my guess is the front end FET (3SK73GR) has blown up or is oscillating? Anyone experienced the same sort of fault and if so what equivalent FET could I fit?
As the original seems to be available why not fit that..

http://www.ebay.co.uk/itm/3SK73GR-VHF-Dual-gate-MOSFET-for-Yaesu-/220692398050

sadly this guy does not ship to the UK but might be worth asking him if
he will...

>
>
>
> G3TFX
>
>
Dave
G4UGM

1405. Re: [FT-707] FT-707 suspected RX front end fault

Yahoo group: FT-707
Date: 2014-05-12 19:55:26 UTC
From: Curt Nixon
Topic: 1403 Message: 1405

The S meter moving positive when the RF gain is reduced is normal behavior. The S meter is derived from Negative going AGC so it kind of works in reverse of the RF gain control.

If it has normal sensitivity on one band but not others, I would think that the RF amp is OK and something else is amiss.

Curt KU8L
On 5/12/2014 6:47 AM, Richard Fusniak richard.fusniak@...
[FT-707] wrote:
>
> I've acquired this transceiver second hand from a silent key. The RX
> seems dead even with the volume turned up fully until an antenna is
> plugged in on 40m. Then oddly the background noise roars into life and
> peaks when the external ATU is tuned in. Despite this the RX seems
> deaf with SSB signals way down in strength, and the S meter bangs over
> into red when the the RF gain control is BACKED OFF anti-clockwise. I
> would have the S meter would have done the opposite and reduced the
> display of fairly lights showing.
>
> Not sure what to expect but my guess is the front end FET (3SK73GR)
> has blown up or is oscillating? Anyone experienced the same sort of
> fault and if so what equivalent FET could I fit?
>
> G3TFX
>
>

1406. Re: Service Manual

Yahoo group: FT-707
Date: 2014-05-16 15:45:41 UTC
From: nospamvictim@...
Topic: 1402 Message: 1406

I found all the same poor service manuals.

Many thanks to G8OFZ for those scans of the voltages in the Files section.

1407. Re: [FT-707] FT-707 suspected RX front end fault

Yahoo group: FT-707
Date: 2014-05-16 19:49:14 UTC
From: fuzzyuk@...
Topic: 1403 Message: 1407

Looks like the RX is OK on 20m and 15m after hooking up a folded dipole. Looks like I may be getting wiped out on 40m and 80m by high noise levels though I can't tell for sure until I get a decent antenna for those bands connected. "S" meter reads all the green bars plus two orange bars.

There are some solar panels installed on a house 150 yards away and I'm beginning to suspect the inverters are radiating crap. It's a growing problem in the UK and the RSGB are now trying to collate information on such installations. German inverters are built to a high spec and don't cause any problems, but the Chinese don't give a damn and high levels of noise get radiated. I must investigate further.

1408. Pb-2086a counter signal levels

Yahoo group: FT-707
Date: 2014-05-27 20:29:11 UTC
From: nospamvictim@...
Topic: 1408 Message: 1408

Don't have a clue what the signal levels on the counter board should be. I can find no documentation on the MSM9520RS so I have no clue what the safe level should be for the input.

On 10meters A band, sometimes counter would start hunting, but only in transmit. Rerouted some PA wires and did an injection tuneup. This seems to have made everything OK but I noticed there wasn't much agc action when scoping the input to the counter chip.

White banded diodes were in the circuit and originally AGC was 4.6v. across all bands, so replaced with 1s1555. Now shows at least some action on lower frequencies. Now shows 3.8-4.6v on the agc gate.

Some of the documentation says that is way too high.

I have verified 140-240mv to the PB-2086a input but seems 3sk40 only attenuates. 70-200mv at base of 2sc1674 and 440-700mv at pin 39 of Q12 (from Vpp taken with 10x scope probe then converted to x 0.3535 = Vrms).

This is after increasing R01 to 22k to provide 1.3v bias at input gate (probably a mistake).

I tried replacing 3sk40 with NTE454 and the 2sc1674 from one I dug from an old CB but it made no difference at all.

Has anyone else poked around in there?

Jim, AC6TK

1409. New owner What version radio?

Yahoo group: FT-707
Date: 2014-06-11 15:58:02 UTC
From: tim_luvs_dawn@...
Topic: 1409 Message: 1409

I just bought a nice 707 and was looking at the service manual and my RF Board looks totally different from the service manual..Mine has a lot more coils on the right side of the rig..Anyone have the proper service manual for this?Mine may be a late version..Chime in please..Thanks

1410. Re: New owner What version radio?

Yahoo group: FT-707
Date: 2014-06-11 17:32:09 UTC
From: tim_luvs_dawn@...
Topic: 1409 Message: 1410

mine has ser#280261

1411. T/R Relay location[s]?

Yahoo group: FT-707
Date: 2014-07-01 02:00:20 UTC
From: allenbh@...
Topic: 1411 Message: 1411

At Field Day this weekend I was using my trusty old FT-707 when on Sunday morning about an hour before ending, there was no audio on the RX when I let go of the mic! It has not done that in many years! I immediately thought that the T/R relay was stuck/open... I have one or two of these, but have never taken the time to dig to it.

There is one in the back, nested in there with the filter board and grain of wheat bulb - wonder if that is the only one?

Problem is that today I plugged it in and it worked fine! Hard to diagnose it when it is working! Been too many years since I figured out the location...

Thanks and 73,
Bill AJ4TX

1412. FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-14 01:26:50 UTC
From: portdoverbells@...
Topic: 1412 Message: 1412

My 707 has tinny sounding output, or my ears are getting older. I am 75 yrs old. HAs anyone changed the audio output response to a more bassy tone. ? How? What components should I look at changing?
Jim VE3DDY

1413. Re: [FT-707] FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-14 06:53:13 UTC
From: Dave Wade
Topic: 1412 Message: 1413

The speaker in mine went tweety , but.every one uses phones or an external speaker.....

Dave
G4UGM
On 14 Jul 2014 05:22, "portdoverbells@... [FT-707]" <
FT-707@yahoogroups.com> wrote:

>
>
> My 707 has tinny sounding output, or my ears are getting older. I am 75
> yrs old. HAs anyone changed the audio output response to a more bassy tone.
> ? How? What components should I look at changing?
>
> Jim VE3DDY
>
>
>
>

1414. Re: FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-14 15:31:52 UTC
From: David Lisney
Topic: 1412 Message: 1414

Hi, assuming nothing has failed you can tweak the carrier point for each sideband in order to get more pleasant sounding receive.... easy to do, mine was similar... tiring to listen to!
Regards David G0FVT

Sent from my iPhone

1415. Re: FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-14 18:06:38 UTC
From: Dave
Topic: 1412 Message: 1415

Hi Jim

I have a 707 and it's Sommerkamp 767 variant - with both of these radios I found that the output got quite tinny.

In both cases adjusting the screws holding the speaker to the case helped.

The original speaker is quite flimsy and easily distorts it's shape.

Worth a try

73 Dave

G7HNO

1416. Re: FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-15 11:31:40 UTC
From: fuzzyuk@...
Topic: 1412 Message: 1416

The IF shift control can cause the audio to sound tinny by cutting out too much of the low frequency part of the audio spectrum if you turn it the wrong way.

1417. Re: [FT-707] FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-21 14:12:19 UTC
From: Curt
Topic: 1412 Message: 1417

The speakers are pretty small and dont last forever.....check it with an external speaker or good phones.

Is it the same on all modes? ie LSB, and USB? It is quite likely that the passband can drift some over time and this will cause a poor response but will be different on each sideband. Can you correct it with the PBT?

FWIW

Curt

On 7/13/2014 9:26 PM, portdoverbells@... [FT-707] wrote:
>
> My 707 has tinny sounding output, or my ears are getting older. I am
> 75 yrs old. HAs anyone changed the audio output response to a more
> bassy tone. ? How? What components should I look at changing?
>
> Jim VE3DDY
>
>

1418. Re: [FT-707] FT-707 Audio Output Response

Yahoo group: FT-707
Date: 2014-07-23 11:11:38 UTC
From: portdoverbells@...
Topic: 1412 Message: 1418

Hi Guys, The problem is not in the rig but in my loss of hearing. I got it sorted out by using a big extension speaker.
Jim VE3DDY

1419. Carrier Frequency adjustment

Yahoo group: FT-707
Date: 2014-07-24 02:17:06 UTC
From: allenbh@...
Topic: 1419 Message: 1419

I know this should be in the manual or service manual, but I didn't see it on a few occasions looking at it.

I think my carrier osc's are off - something is - the frequency shift from LSB to USB to CW is different than it should be. Comparing the same station side-by-side to mt FT-100 the '707 is a little off freq.

Where is that adjustment? I will be studying the manuals more, not just jump and twist!

Thanks,
Bill AJ4TX

1420. Re: FT-707 Output power drops to zero

Yahoo group: FT-707
Date: 2014-07-24 02:10:25 UTC
From: allenbh@...
Topic: 1392 Message: 1420

Been 3 months, have you sold it yet?
Bill AJ4TX
allenbh (at) windstream dot net

1421. Relay 4602 on the AVR Board failing, need replacement!

Yahoo group: FT-707
Date: 2014-07-24 02:06:41 UTC
From: allenbh@...
Topic: 1421 Message: 1421

Called Vertex today - that part is discontinued. He suggested i call Mouser. Good idea. Guess it is time to pull it out of the board. Get this - the 13.5V side of the relay actually sticks in the NO position until it relaxes or decides it is time to let go! Minutes! I can touch it with a screwdriver and it will flip from NO to NC, even after the armature has moved and the other (8v) contact has opened (gone to NC). Odd!

I suspect that the contact arm is weak, maybe wear in the relay.

This is the bigger of the 2 relays on the AVR board, TX13 and RX13 are the switched pins. Maybe the NO are pitted. Will try burnishing it I guess.

Looking for a similar form factor I can drop in... Voltage switching so probably not too critical.

Anyone else had that problem?Ry4602, FBR2210012. These contacts switch 13.5V to RX or TX. The other set of contacts switch the 8V regulated to TX and RX pins.
73,
Bill AJ4TX

1422. Re: T/R Relay location[s]?

Yahoo group: FT-707
Date: 2014-07-24 02:19:54 UTC
From: allenbh@...
Topic: 1411 Message: 1422

Found it - Rl 4602 on the AVR board is sticking in the NO position - but only 1 of the moving contacts!
Bill AJ4TX

1423. Re: T/R Relay location[s]?

Yahoo group: FT-707
Date: 2014-07-25 08:26:52 UTC
From: portdoverbells@...
Topic: 1411 Message: 1423

Those relays are so hard to get to that I just connected one on the outside of the board. I was having problems with the RIT relay.not operating.
Jim VE3DDY

1424. father's FT707

Yahoo group: FT-707
Date: 2014-07-30 20:37:32 UTC
From: pascal libois
Topic: 1424 Message: 1424

Hello everybody, here is the problem with the yaesu FT707 from my father:
After a TX, when he release the ptt button to go back to RX, nothing happen, he said to me that he has replaced the 2 relays of IF and AF unit, same problem.
When he shutdown the yaesu for a short time and go back on , the FT707 goes back to RX.
Has someone fixed this issue?

1425. Re: father's FT707

Yahoo group: FT-707
Date: 2014-07-31 12:45:05 UTC
From: allenbh@...
Topic: 1424 Message: 1425

I had that issue. I started measuring the voltages on the AVR board: +13TX, +13RX, TX8, RX8. When it would hang up, half of Relay 1, the larger one was actually sticking in the NO position. I release the PTT or key and the relay would turn off, but the TX13/RX13 half of the relay was staying in the TX position.

I cleaned the contacts which were pitted, with some emery cloth (Relay not available per Vertex) and it seems to have taken care of the problem. The contacts were rough, like there had been metal migration over the years.

You can slide the AVR board out the top enough to see what is happening. Have to flop the display driver board out of the way first. Insulate all the loose boards and you can operate it that way till it sticks.

73,
Bill AJ4TX

1426. Re: [FT-707] Re: father's FT707

Yahoo group: FT-707
Date: 2014-07-31 18:00:32 UTC
From: pascal libois
Topic: 1424 Message: 1426

thx, i hope it will help my father...! he is really good in troubleshooting for more then 30 years, but he didn't found this problem, i will feedback you... thx

Le Jeudi 31 juillet 2014 15h27, "allenbh@... [FT-707]" <FT-707@yahoogroups.com> a écrit :

I had that issue. I started measuring the voltages on the AVR board: +13TX, +13RX, TX8, RX8. When it would hang up, half of Relay 1, the larger one was actually sticking in the NO position. I release the PTT or key and the relay would turn off, but the TX13/RX13 half of the relay was staying in the TX position.

I cleaned the contacts which were pitted, with some emery cloth (Relay not available per Vertex) and it seems to have taken care of the problem. The contacts were rough, like there had been metal migration over the years.

You can slide the AVR board out the top enough to see what is happening. Have to flop the display driver board out of the way first. Insulate all the loose boards and you can operate it that way till it sticks.

73,
Bill AJ4TX

1427. Re: father's FT707

Yahoo group: FT-707
Date: 2014-08-03 19:13:39 UTC
From: kb7js@...
Topic: 1424 Message: 1427

The TR relay on the AVR board in the FT-707 is famous for becoming intermittent with age, although I have two radios that have never experienced the problem.

You can often correct this problem by cleaning the relay contacts. However, getting access to the relay is a bit of a challenge, and I typically simply replace it after taking the effort to gain access to it.

Good Luck. If you have any problems, please feel free to contact me. The FT-707 is one of my hobbies, and I have repaired and restored over 50 of them over the years, and have one in the shop now.

73's

Dave
KB7JS

1428. Re: [FT-707] Re: father's FT707

Yahoo group: FT-707
Date: 2014-08-03 19:51:27 UTC
From: pascal libois
Topic: 1424 Message: 1428

Thx Dave, i'll submit this to my father, i know that he has replaced 2 relays on the IF and AF board, next if it doesn't luck, he will replace the 2sa496y (Q3019) as described in the service manual:
problem of no return to RX from TX is:
PTT line grounded (which is not the problem)
Defective Q3019 and associated circuit
Defective VOX circuit (which is not the problem)

Le Dimanche 3 août 2014 21h13, "kb7js@... [FT-707]" <FT-707@yahoogroups.com> a écrit :

The TR relay on the AVR board in the FT-707 is famous for becoming intermittent with age, although I have two radios that have never experienced the problem.

You can often correct this problem by cleaning the relay contacts. However, getting access to the relay is a bit of a challenge, and I typically simply replace it after taking the effort to gain access to it.

Good Luck. If you have any problems, please feel free to contact me. The FT-707 is one of my hobbies, and I have repaired and restored over 50 of them over the years, and have one in the shop now.

73's

Dave
KB7JS

1429. How to reduce RF output power

Yahoo group: FT-707
Date: 2014-08-05 15:18:28 UTC
From: ukham2e0ueh@...
Topic: 1429 Message: 1429

I am a 2e0 so limited to 50watts.

Is there a easy way to reduce to RF out.

cheers

Steve
2e0ueh

1430. Re: How to reduce RF output power

Yahoo group: FT-707
Date: 2014-08-12 08:01:49 UTC
From: portdoverbells@...
Topic: 1429 Message: 1430

There is a screw adjust pot inside to set the power output of the final. You have to unmount the top board to get at the one below. Best to download a service manual. Jim VE3DDY

1431. scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 01:01:28 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1431

Help needed,My 707 started scanning high numbers 32-35MHZ range all bands no rx or tx was working fine then this ..have cleaned everything and no joy Please help.Have cleaned the Fix button etc..no change still scanning..Thanks

1432. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 11:49:13 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1432

-Ok i have some updated info,If i leave the radio off for a couple 2-3 hours it will come on and work fine for about 3-5 mins..Then the vfo starts jumping and then it takes off scanning in the 30-35mhz range..It seems as something is overheating and breaking down..The radio worked fine until yesterday it started doing this ..It's as if something is losing signal..Any input appreciated

1433. Re: [FT-707] scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 12:44:09 UTC
From: Curt
Topic: 1431 Message: 1433

THis a a typical display when the counter becomes un-locked. Since this is just a freq counter and not a part of a PLL, it does not effect Tx or Rx.

You might check the counter reference oscillator and perhaps re-cap the counter area.

FWIW

Curt
KU8L

On 8/12/2014 9:01 PM, tim_luvs_dawn@... [FT-707] wrote:
>
> Help needed,My 707 started scanning high numbers 32-35MHZ range all
> bands no rx or tx was working fine then this ..have cleaned everything
> and no joy Please help.Have cleaned the Fix button etc..no change
> still scanning..Thanks
>
>

1434. Re: [FT-707] Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 15:18:16 UTC
From: Curt
Topic: 1431 Message: 1434

When it IS operating, is the freq readout close to correct? Check it on WWV or similar at 10MHz. If it is far off, it might indicate that the ref osc (page 3-50) in the svc manual, is quiting. proper testing to determine the problem is MUCH easier with a scope, freq counter, and a good reference.

Curt

On 8/13/2014 7:49 AM, tim_luvs_dawn@... [FT-707] wrote:
>
> -Ok i have some updated info,If i leave the radio off for a couple 2-3
> hours it will come on and work fine for about 3-5 mins..Then the vfo
> starts jumping and then it takes off scanning in the 30-35mhz
> range..It seems as something is overheating and breaking down..The
> radio worked fine until yesterday it started doing this ..It's as if
> something is losing signal..Any input appreciated
>
>

1435. Re: [FT-707] Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 16:15:20 UTC
From: dave@...
Topic: 1431 Message: 1435

Quoting "Curt captcurt@... [FT-707]" <FT-707@yahoogroups.com>:

> When it IS operating, is the freq readout close to correct? Check it
> on WWV or similar at 10MHz. If it is far off, it might indicate that the
> ref osc (page 3-50) in the svc manual, is quiting. proper testing to
> determine the problem is MUCH easier with a scope, freq counter, and a
> good reference.
>
>
> Curt

Hi Curt

Try turning the top lid around so that the vents are to the front

You find that the Chip on the board that drives the counter is probably getting
warm

73 Dave G7HNO
>
>
>
>
>
>
> On 8/13/2014 7:49 AM, tim_luvs_dawn@... [FT-707] wrote:
> >
> > -Ok i have some updated info,If i leave the radio off for a couple 2-3
> > hours it will come on and work fine for about 3-5 mins..Then the vfo
> > starts jumping and then it takes off scanning in the 30-35mhz
> > range..It seems as something is overheating and breaking down..The
> > radio worked fine until yesterday it started doing this ..It's as if
> > something is losing signal..Any input appreciated
> >
> >
>
>
>

1436. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 16:01:08 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1436

I Have No tx or rx when it does this..Nothing to do with counter unit

1437. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 15:47:36 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1437

Radio has no tx or rx when it does this so it's not the counter,When rx and tx comes after a cooldown the counter works as it should..

1438. Re: [FT-707] Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 16:13:35 UTC
From: Curt
Topic: 1431 Message: 1438

OK..I misread your first post.....

So you have it figured out....not a counter problem.

On 8/13/2014 12:01 PM, tim_luvs_dawn@... [FT-707] wrote:
>
> I Have No tx or rx when it does this..Nothing to do with counter unit
>
>

1439. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 16:48:00 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1439

It acts like the FIX button is pressed but it's not...

1440. Re: [FT-707] Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 18:14:49 UTC
From: Francesco Messineo
Topic: 1431 Message: 1440

Hello

On Wed, Aug 13, 2014 at 6:01 PM, tim_luvs_dawn@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> I Have No tx or rx when it does this..Nothing to do with counter unit

check if the VFO assembly gets its power (+8V).
I had the FIX/VFO switch fail on my 707 and no amount of exercising
this switch would solve the issue. It was not making contact anymore.

hth
73
Frank IZ8DWF

1441. RE: [FT-707] Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 18:21:24 UTC
From: Dave G4UGM
Topic: 1431 Message: 1441

So its likely either no VFO or no band mixer oscillator. If it’s the same on all bands then most likely no VFO. Also as that has mechanical components that would be my favourite, but its not a fault I have seen on here…..

Dave

G4UGM

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: 13 August 2014 16:48
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: scanning vfo

Radio has no tx or rx when it does this so it's not the counter,When rx and tx comes after a cooldown the counter works as it should..

1442. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 18:44:27 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1442

Thanks i checked for 8v on the vfo and yes there is 8v on the blue and grey wires,My bench frequency counter has failed as well and kinda hard to diagnose this issue,Question..On the fix button is it only voltage switched or voltage and signal?I may be losing signal somewhere to the vfo..Thanks

1443. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 19:33:11 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1443

Yes i agree strange issue,Right before it would start scanning you could here the vfo start drifting up the band in frequence then i would lose tx/rx on all bands ..I let it cool overnight and it came back on for a breif second or 2 then started scanning...I suspect as well the VFO..Thanks for all the help Gentlemen

1444. Re: scanning vfo

Yahoo group: FT-707
Date: 2014-08-13 19:56:14 UTC
From: tim_luvs_dawn@...
Topic: 1431 Message: 1444

Found it guy's it's a loose connection inside the VFO!!

1445. Re: How to reduce RF output power

Yahoo group: FT-707
Date: 2014-08-16 18:10:51 UTC
From: ukham2e0ueh@...
Topic: 1429 Message: 1445

Many thanksWillgive that a tryCHeersSteve2e0ueh

1446. FT-757 Switching power supply problem Guidance needed HELP!

Yahoo group: FT-707
Date: 2014-08-25 12:31:23 UTC
From: portdoverbells@...
Topic: 1446 Message: 1446

I was tuning up my FT-707 and popped the 5 amp fuse in the FP757 switching power supply.
I replaced the fuse but the supply doesn't start up.
Haas anyone experience in fixing these units?
I need some guidance.
Jim VE3DDY

1447. Re: [FT-890] FP757 Switching PSU Problem. Guidance needed.

Yahoo group: FT-707
Date: 2014-08-25 16:18:48 UTC
From: Curt
Topic: 1447 Message: 1447

So...was it the 707 or the 890?? :)

Switching supplies can be buggers to troubleshoot and service. I work with them a lot. Good suggestion to try a different 12V supply to verify if it is a PS problem or a rig issue. (a car battery could be a second supply--but USE a FUSED power cord)

There are sometimes internal fuses in addition to the external input fuses (sorry I dont have the actual diagram of the FT supply) Sometimes recapping can be the only issue--other times devices get so marginal, they wont oscillate so the supply never starts. Also, if it had a overvoltage clamp, that could affect the way it restarts after a failure of the regulator.

Depending on your skill level and test equipment, it could be much less costly to just purchase a different supply--

Curt, KU8L

On 8/25/2014 10:53 AM, chuck tobias cltoby600@... [FT-890] wrote:
> You can call Yaesu Tech Support and ask them. Its a free service.
> K3CLT
> Chuck Tobias
>
>
> On Monday, August 25, 2014 9:14 AM, "Dave Edwards kd2e@...
> [FT-890]" <FT-890@yahoogroups.com> wrote:
>
>
> First try another supply so as to learn which box to blame for the malady.
> ...Dave
>
>
>
> On 8/25/14, 8:27 AM, portdoverbells@...
> <mailto:portdoverbells@...> [FT-890] wrote:
>> I was tuning up my FT-890 and popped the 5 amp fuse in the FP757
>> switching power supply.
>> I replaced the fuse but the supply doesn't start up.
>> Haas anyone experience in fixing these units?
>> I need some guidance.
>> Jim VE3DDY
>
>
>
>

1448. Re: [FT-890] FP757 Switching PSU Problem. Guidance needed.

Yahoo group: FT-707
Date: 2014-08-27 16:59:55 UTC
From: portdoverbells@...
Topic: 1447 Message: 1448

Well,
It was either as I have both that can be connected to the supply line but they cant both run at the same time.
I found the problem.
The input AC voltage has a Triac in series with the line. To get the power supply started the triac has a bypass resistor of 2 X10k 5Watt in series. Once the circuit gets going and the capacitors charged the triac is held on by a feed back voltage and the resistors are bypassed.
The problem was that one of the 10K rersistors was open circuit and the supply couldn't get the initial push.
I would guess that the triac is there with its bypassing resistors to limit inrush current as the capacitors charge.
jim VE3DDY

1449. Re: [FT-890] FP757 Switching PSU Problem. Guidance needed.

Yahoo group: FT-707
Date: 2014-08-28 11:51:54 UTC
From: portdoverbells@...
Topic: 1447 Message: 1449

My Bad, That resistor is 10 ohm not 10K
jim VE3DDY

1450. Re: [FT-707] Re: [FT-890] FP757 Switching PSU Problem. Guidance needed.

Yahoo group: FT-707
Date: 2014-08-28 15:30:26 UTC
From: Curt
Topic: 1447 Message: 1450

Hi Jim:

Glad to hear you got it fixed up.

Curt
KU8L

On 8/28/2014 7:51 AM, portdoverbells@... [FT-707] wrote:
>
> My Bad, That resistor is 10 ohm not 10K
>
> jim VE3DDY
>
>

1451. Crystals Wanted

Yahoo group: FT-707
Date: 2014-09-21 12:31:38 UTC
From: g4sra
Topic: 1451 Message: 1451

Yes that old chestnut again I am afraid.

I am repairing an FT-707 after butchery by a CB Witchdoctor and need the following band crystals.

40, 10A, 10B, 10C, 10D

Any suggestions as to where these can be obtained at reasonable cost ?

Would be prepared to purchase and cannibalise another FT-707 for it's crystals and other spares providing it is not in working condition.

I am also interested in obtaining an FP-707 power supply, and 4-pin power connector.

1452. Re: [FT-707] Crystals Wanted

Yahoo group: FT-707
Date: 2014-09-21 16:10:25 UTC
From: Francesco Messineo
Topic: 1451 Message: 1452

Hello

On Sun, Sep 21, 2014 at 2:31 PM, g4sra g4sra@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Yes that old chestnut again I am afraid.
>
> I am repairing an FT-707 after butchery by a CB Witchdoctor and need the
> following band crystals.
>
> 40, 10A, 10B, 10C, 10D
>
> Any suggestions as to where these can be obtained at reasonable cost ?

when I had the same problem on mine, I ordered the crystals directly
from Yaesu USA, but that was 14 years ago.
If I had to do the same job today, I would probably need to order them
to some crystal manufacturer.
Costs are not very high, surely less than buying a donor unit.
Contact me off list for a suggestion about european crystal
manufacturers if you like to follow this route.

> Would be prepared to purchase and cannibalise another FT-707 for it's
> crystals and other spares providing it is not in working condition.

I have seen very few FT-707 left with ALL the original amateur radio
bands, so make sure what you buy in that case.

73
Frank IZ8DWF

1453. Re: Crystals Wanted

Yahoo group: FT-707
Date: 2014-09-22 15:29:10 UTC
From: matjaz.zejn@...
Topic: 1451 Message: 1453

Hello,
last year buy cristal on this link
Krystaly, Hradec Králové, a.s. http://www.krystaly.cz/en/

http://www.krystaly.cz/en/

Krystaly, Hradec Králové, a.s. http://www.krystaly.cz/en/ Webside of czech company Krystaly, Hradec Kralove. We produce mainly crystal units, crystal filters, oscillators, quartz blanks and substrates for SAW, c...

View on www.krystaly.cz http://www.krystaly.cz/en/
Preview by Yahoo

Price are ok and delivery time is ok.

Matjaz
S56ZVD

1454. Re: Crystals Wanted

Yahoo group: FT-707
Date: 2014-09-24 10:09:53 UTC
From: Ian McMullan
Topic: 1451 Message: 1454

I had the same problem with the 40m band setting crystal but was able to get it made up by :

QuartSLab

www.quartslab.com

Tel. 020 7100 6357

Mobile: 07546 254299

Ian

EI4DP

1455. Errata

Yahoo group: FT-707
Date: 2014-10-02 13:10:23 UTC
From: g4sra
Topic: 1455 Message: 1455

I have only been a member of the FT-707 group a few days and found a wealth of useful information. But one useful piece appears to be missing. Errata that occurs in the official manuals.

Would anybody be interested in contributing to an information source, say such as a 'errata' group folder of text files named after the document and page 'FT707_UserManual_P21.txt' with the error described within ?

This has to be a community effort if it is going to prove to be worthwhile.

1456. New file uploaded to FT-707

Yahoo group: FT-707
Date: 2014-10-06 08:42:58 UTC
From: FT-707@yahoogroups.com
Topic: 328 Message: 1456

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT-707
group.

File : /Modifications/MoxSwitchOption.txt
Uploaded by : g4sra <g4sra@...>
Description : FT-707 MOX Switch alternative operation option

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/FT-707/files/Modifications/MoxSwitchOption.txt

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

g4sra <g4sra@...>

1457. Variable power mods

Yahoo group: FT-707
Date: 2014-10-06 16:26:48 UTC
From: g4sra
Topic: 1457 Message: 1457

Guidance from a kind soul please....

What do the 'variable power mods' offer that cannot be achieved by turning down the 'Mic Gain' control ?

1458. FT-707 Display

Yahoo group: FT-707
Date: 2014-10-12 12:46:21 UTC
From: golf0var@...
Topic: 1458 Message: 1458

Hi,

Thanks for the acceptance.

Having switched on the 707 for the first time in several years, I found the freq display stuck on 91.299.8mhz...

Research seems to indicate that its the counter chip, so I've ordered the mod kit from JA2SVZ and hopefully that will arrive soon..

fingers crossed

1459. FT-707

Yahoo group: FT-707
Date: 2014-10-12 12:51:27 UTC
From: golf0var@...
Topic: 140 Message: 1459

Hi,
Thanks for the acceptance.

Having switched on the 707 for the first time in several years, I found the frequency display stuck on 91.299.8mhz...

from what I can find on the web, it seems to be the counter chip...

I've ordered the mod kit from JA2SVZ and hopefully it will arrive in the next couple of days...

fingers crossed

1460. Re: [FT-707] FT-707 Display

Yahoo group: FT-707
Date: 2014-10-12 19:01:06 UTC
From: Francesco Messineo
Topic: 1458 Message: 1460

On Sun, Oct 12, 2014 at 2:46 PM, golf0var@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Hi,
>
> Thanks for the acceptance.
>
> Having switched on the 707 for the first time in several years, I found the freq display stuck on 91.299.8mhz...
>
> Research seems to indicate that its the counter chip, so I've ordered the mod kit from JA2SVZ and hopefully that will arrive soon..

I hope you did the necessary tests to conclude it was the chip,
otherwise it might not be it.
The best test is to check if you still have correct RX and TX
frequencies AND the correct sample signal reaches the counter board.
I've never found a bad counter chip in several FT-707 I repaired

73
Frank IZ8DWF

1461. Re: [FT-707] FT-707 Display

Yahoo group: FT-707
Date: 2014-10-14 13:01:03 UTC
From: golf0var@...
Topic: 1458 Message: 1461

Hi Frank,

Yes, i did check the output from the RF board into the chip and that was fine, it was tuning and tx/rx were working ok..

The mod kit arrived from Japan this morning and took an hour to remove the old chip and install the kit... and very happy to say its all working perfectly now...

not bad, placed the order last tuesday evening and the kit arrived this morning.... :-)

---In FT-707@yahoogroups.com, <francesco.messineo@...> wrote :

On Sun, Oct 12, 2014 at 2:46 PM, golf0var@... mailto:golf0var@... [FT-707] <FT-707@yahoogroups.com mailto:FT-707@yahoogroups.com> wrote:
>
>
>
> Hi,
>
> Thanks for the acceptance.
>
> Having switched on the 707 for the first time in several years, I found the freq display stuck on 91.299.8mhz...
>
> Research seems to indicate that its the counter chip, so I've ordered the mod kit from JA2SVZ and hopefully that will arrive soon..

I hope you did the necessary tests to conclude it was the chip,
otherwise it might not be it.
The best test is to check if you still have correct RX and TX
frequencies AND the correct sample signal reaches the counter board.
I've never found a bad counter chip in several FT-707 I repaired

73
Frank IZ8DWF

1462. Re: [FT-707] FT-707 Display

Yahoo group: FT-707
Date: 2014-10-14 13:32:46 UTC
From: golf0var@...
Topic: 1458 Message: 1462

Cheers Frank,

Input to chip was fine and the display itself was working...

The mod kit arrived this morning and is now installed and working perfectly..

:-)

1463. Re: [FT-707] FT-707 Display

Yahoo group: FT-707
Date: 2014-10-15 15:33:54 UTC
From: Francesco Messineo
Topic: 1458 Message: 1463

Hi,
glad you solved the problem!

73
Frank IZ8DWF

On Tue, Oct 14, 2014 at 3:32 PM, golf0var@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Cheers Frank,
>
> Input to chip was fine and the display itself was working...
>
> The mod kit arrived this morning and is now installed and working perfectly..
>
> :-)
>
>

1464. Mixer Xformers

Yahoo group: FT-707
Date: 2014-10-15 16:46:49 UTC
From: wf2d@...
Topic: 1464 Message: 1464

I need information on the mixer transformers and hopefully a source for the part. The transformer that I need is T03 L0020787 It can be found on the schematic as T03 Page 21 of the manual and on the parts list Page 44 T03.

Thanks, WF2D Howard

1465. FS: CW Filter for FT707

Yahoo group: FT-707
Date: 2014-12-08 16:08:50 UTC
From: captcurt@...
Topic: 1465 Message: 1465

Have a like new, tested 100% Yaesu CW filter for the FT707. Sold rig to a Phone user only. This filter makes the 707 a very capable CW rig.

Asking $75 USD SHipped CONUS. Others +shipping. Can install this for you including the filter for 100.00 plus shipping of rig. Any additional work like bulbs, freq setting, etc per evaluation.

Thanks,

Curt
ku8l at flashdotnet
SE Michigan

1466. grounding

Yahoo group: FT-707
Date: 2014-12-27 20:07:51 UTC
From: honeygreen3@...
Topic: 1466 Message: 1466

is grounding through the yeasu power supply a good enough ground?

1467. Re: [FT-707] grounding

Yahoo group: FT-707
Date: 2014-12-27 21:03:11 UTC
From: g4sra
Topic: 1466 Message: 1467

On 27/12/14 20:07, honeygreen3@... [FT-707] wrote:
> is grounding through the yeasu power supply a good enough ground?
>
>
Electrical Ground or RF Ground ?
The answer to both is 'no'.

1468. Re: [FT-707] grounding

Yahoo group: FT-707
Date: 2014-12-27 22:40:54 UTC
From: ian hope
Topic: 1466 Message: 1468

read up on RF earthing and do the jon properly

Sent: Saturday, December 27, 2014 at 9:03 PM
From: "g4sra g4sra@... [FT-707]"
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] grounding

On 27/12/14 20:07, honeygreen3@... [FT-707] wrote:
> is grounding through the yeasu power supply a good enough ground?
>
>
Electrical Ground or RF Ground ?
The answer to both is 'no'.

1469. VERY IMPORTANT. TO ALL FT-707 MEMBERS: Possible dismantlement of Yahoo services may be going down permanently on December 31st

Yahoo group: FT-707
Date: 2014-12-31 04:20:11 UTC
From: atcbuff@...
Topic: 1469 Message: 1469

VERY IMPORTANT. TO ALL FT-707 MEMBERS: Possible dismantlement of Yahoo services may be going down permanently on December 31st

Happy new year to all on the group.
As every year around this time, I take the time to thank you all the moderators that have given of their time day in, day out to ensure so that users may benefit from it so their mailboxes won't fill with junkmail. We thank them for their hard work.

Also, I remind you that Yahoo is bringing down a lot of services down as of December 31st. Whether this business decision will touch our Yahoo group or not is uncertain.

In case this ever happens, please be reassured that the same owners and moderators of this group will remain the same, unchanged.. but we would be forced to transfer on Google groups (please find below for more information).

If rupture of service DOES NOT happen, then nothing has to be done on your part.

https://groups.google.com/forum/#!forum/ft-707

In the name of the whole staff, I thank you for all of you for being here with us.
Sincerely,

Pierre, VE2EBP/VE2HS

1470. Rotary button "Width"

Yahoo group: FT-707
Date: 2015-01-13 14:10:53 UTC
From: Johannes Zaehrl
Topic: 1470 Message: 1470

Hi,
I am new to this group, so please accept my apology if I ask a question, which was answered long time before. I looked for it, but I could not find this item mentioned.

But now to my question:
I am really confused by the explanation I can find for the effect of the rotary button "WIDTH". Upon my FT-707S (as well as my FT-107M, which has a similar rotary button...), the effect is "only" IF-Shift but by no means a variable Bandwith, as 99,9% of all entries you find in the www try to make me believe. I read manuals carefully, and yes, they say it is variable bandwith, but in fact it isn´t. Are my radios defective?

vy 73 de Johannes, DL9NEF

1471. Display problems FT-707

Yahoo group: FT-707
Date: 2015-01-13 15:16:23 UTC
From: ea5gu@...
Topic: 1471 Message: 1471

Hi guys.
My old FT707 has the display is fixed at the frequency 91 052 and receive nothing.

I think the problem is in the VFO, you can tell me any to start.

Thank You

Paco

1472. Re: [FT-707] Display problems FT-707

Yahoo group: FT-707
Date: 2015-01-13 16:17:41 UTC
From: Francesco Messineo
Topic: 1471 Message: 1472

Hi Paco,

On Tue, Jan 13, 2015 at 4:16 PM, ea5gu@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Hi guys.
> My old FT707 has the display is fixed at the frequency 91 052 and receive nothing.
>
> I think the problem is in the VFO, you can tell me any to start.

first of all, download a schematic and the technical supplement if you
don't already have them.
Then check if the "FIX" button is pressed, check if the display and RX
aren't working on all bands.
Then check the +8V line going into the VFO assembly, it's routed
through the fix button and this often develops bad contacts.

GL
Frank IZ8DWF

1473. AVR board

Yahoo group: FT-707
Date: 2015-01-13 17:12:32 UTC
From: kr4hv@...
Topic: 1473 Message: 1473

Does anyone have a AVR board with populated parts intact for sale?

Also need Relay RL 1 for another AVR board or a substitute relay part number.

Thanks in advance.

73,
KR4HV

1474. AVR Board & Relay

Yahoo group: FT-707
Date: 2015-01-13 18:06:10 UTC
From: kr4hv@...
Topic: 1474 Message: 1474

I am in need of an AVR board with all components.
I also would like to obtain either a functional RL1 fror another AVR board or the substitute relay part munber for RL1 is there is one.

Thanks,
KR4HV

1475. For sale: FT707 + FP700

Yahoo group: FT-707
Date: 2015-01-13 23:35:47 UTC
From: hl2dus@...
Topic: 1475 Message: 1475

Hello guys.
I'm HL2DUS Park who live in South Korea.
I have a FT-707 rig plus FP700 power supply.
I wanna sale these items.

FP700's power button is out of order. it has been broken. Now is on power-on.
FT-707 has the some drift display on the each frequency display.
It maybe can be fixed.

I wanna sale for 220 US dollars with two of it to worldwide.

Unfortunely I have no credit card, so I did not joined the Paypal.
so I can accept a postal money order thru Post office.

More details can be contacted by e-mail.

E-mail: hl2dus@hanmail.net
Name: Park Kyu ho

1476. YAESU FT707 and acessorys ...

Yahoo group: FT-707
Date: 2015-01-14 12:27:03 UTC
From: Behiels jean-Pierre
Topic: 1476 Message: 1476

Hi Yaesu FT707users;

HNY to all of you..

I am on the search to obtain a YAESU FT707 with acessorys for completing my old Yaesu collection.

If someone like to sale some parts,feel free to contact me,I am looking for to buy.

Thanks anyway and regards.

73's Jean ON4AEF

E-mail : <mailto:on4aef@...> on4aef@...

[Non-text portions of this message have been removed]

1477. [FT707]

Yahoo group: FT-707
Date: 2015-01-17 12:06:30 UTC
From: Behiels jean-Pierre
Topic: 1477 Message: 1477

Hi FT707 users;

I am on the repair of the bandswitch of a old FT707.

The bandswitch was not good and well thighten in the fontpanel and has been turned around 360° by intensif use !!

Some bandswitch connections originally made where interrupted !!

I do not anymore where are the have to been connected before .

Regarding the schematics I could not figger out where they has to be connected again.

I do have not a good schematic or datasheet of the switch himself.

I only have a little schematic from the user manual on page 3.64 who does not help me really further !!!

Could someone give my any further details and maby cable colors where they has to been connected to the switch.

I see that the MODE switch has to configurated for 4 wafers,but how it all is down,I could not find.

Regarding the schematic for USB mode :

Pin 6 of J3002 of AF unit(brown/white wire) must been connected together by means of the □mode switch□with

With the red wire from pin2 of the J3002 connector on AF unit.

Where this red wire is the +8VDC.

But in LSB mode same has to been done with the red wire but must now be connected together by means of the □mode switch□ with the

blue wire.

But in this last position of the switch I could not find any free contact who is related to the red wire.

How or where I have to made the connection on the switch ???????????

I do not what happens inside themode switch.

I do have no datasheet from the contacts of this Japanese switch with number SRN2045N or

Yaesu part number N0190014 ??

What is the meaning of the 2 pictures on page 3-64 of the FT707 service manual ?

I presume all what I see on both pictures of page 3-64 are not on one,and the same switch !!

When I change from one mode to another mode I saw also that the +8VDC supplyed by the AF unit drop down in some selected mode.

This means that there is a failure in the switch wiring,for sure.

I suppose in some mode positions the +8VDC is connected to earth by means of the switch contacts(bad wiring has been done) !!!

I hope someone could help me further on the way with this difficulty.

Regards Jean ON4AEF.

[Non-text portions of this message have been removed]

1478. FT707 and Wimo QRM Eliminator Use

Yahoo group: FT-707
Date: 2015-03-19 23:05:49 UTC
From: Bill
Topic: 1478 Message: 1478

Hello there, new kid on the block here
I've been using an FT707 since the dawn of my AR experience and after suffering from horrendous QRM, decided to buy a Wimo after hearing good reports and having fair to middling success so far.The only problem I seem to encounter is that I have to turn off the Wimo to transmit and then turn it on again to receive.There is a way to connect this to the Tx accessory socket but I was wondering if any of you gents knew a way to accomplish this ?
Thanks in advance
Bill Filed

1479. lamp fuse F01

Yahoo group: FT-707
Date: 2015-03-28 22:41:49 UTC
From: radiocomunications@...
Topic: 1479 Message: 1479

Many thanks for welcoming me in the group, a would apreciate any sugestion to reemplace the lamp fuse F01 in the PB2101A Board, due to being imposible importing or building an original part in my country; needing some practical and accurate sugestion to fix the trouble.

1480. Re: [FT-707] lamp fuse F01

Yahoo group: FT-707
Date: 2015-03-29 13:19:00 UTC
From: Curt Nixon
Topic: 1479 Message: 1480

Many manufacturers used these small bulbs in a attempt to protect the Rx front end in the case of very large RF or other inputs. Especially rigs that were to be used in mobile applications where it was possible to be parked next to another operator!. Nearby lightning strikes can also take them out.

You can replace it with the smallest, lowest power bulb you can find. A very small cartridge-type fuse will also be better than nothing. 1/16A or smaller. Wired in place. It may not keep you from blowing an RF amp device, but it might still minimize the damage to other stages.

The fuse bulbs are in Drake TR3s and 4s, FT101s if I recall, so may find one from a different radio as well.

Curt
KU8L

On 3/28/2015 6:41 PM, radiocomunications@... [FT-707] wrote:
>
> Many thanks for welcoming me in the group, a would apreciate any
> sugestion to reemplace the lamp fuse F01 in the PB2101A Board, due to
> being imposible importing or building an original part in my country;
> needing some practical and accurate sugestion to fix the trouble.
>
>
>

1481. 707 group

Yahoo group: FT-707
Date: 2015-04-01 11:13:39 UTC
From: peliklaas@...
Topic: 1481 Message: 1481

I have been 2 a 3 weeks offline starting next friday.
Because I go to hospital.
So there is no mod this time to moderate the messages.
Hope you wait for me....

Jinny.
pe1rea

1482. Re: [FT-707] 707 group

Yahoo group: FT-707
Date: 2015-04-01 11:41:40 UTC
From: David Lisney
Topic: 1481 Message: 1482

Jinny, I think everyone will behave, hurry back though!
Regards David G0FVT

Sent from my iPhone

> On 1 Apr 2015, at 12:13, peliklaas@gmail.com [FT-707] <FT-707@yahoogroups.com> wrote:
>
> I have been 2 a 3 weeks offline starting next friday.
> Because I go to hospital.
> So there is no mod this time to moderate the messages.
> Hope you wait for me....
>
> Jinny.
> pe1rea
>
>

1483. RE: [FT-707] 707 group

Yahoo group: FT-707
Date: 2015-04-01 13:42:48 UTC
From: Dave G4UGM
Topic: 1481 Message: 1483

I hope all goes well. Will happily Mod while you are away if you want

Dave

G4UGM

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: 01 April 2015 12:42
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] 707 group

Jinny, I think everyone will behave, hurry back though!

Regards David G0FVT

Sent from my iPhone

On 1 Apr 2015, at 12:13, peliklaas@... <mailto:peliklaas@...> [FT-707]
<FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com> > wrote:

I have been 2 a 3 weeks offline starting next friday.
Because I go to hospital.
So there is no mod this time to moderate the messages.
Hope you wait for me....

Jinny.
pe1rea

1484. Re: [FT-707] 707 group

Yahoo group: FT-707
Date: 2015-04-01 16:27:54 UTC
From: AL WEINSTEIN
Topic: 1481 Message: 1484

Get well soon.
Al, VE3HVX

On Wednesday, April 1, 2015 7:13 AM, "peliklaas@... [FT-707]" <FT-707@yahoogroups.com> wrote:

  I have been 2 a 3 weeks offline starting next friday.
Because I go to hospital.
So there is no mod this time to moderate the messages.
Hope you wait for me....

Jinny.
pe1rea

1485. Re: [FT-707] Display problems FT-707

Yahoo group: FT-707
Date: 2015-04-18 19:12:04 UTC
From: ea5gu@...
Topic: 1471 Message: 1485

Hi guys.
The problem is solved, had bad regulator transistor Q01 7808 and AVR.
In this video you can see it, is in Spanish.
Sorry

REPARACION YAESU FT-707 - OFV EN MARCHA. https://www.youtube.com/watch?v=dXEdeMJpuo8

https://www.youtube.com/watch?v=dXEdeMJpuo8

REPARACION YAESU FT-707 - OFV EN MARCHA. https://www.youtube.com/watch?v=dXEdeMJpuo8 Bueno pues el aparato empieza a recobrar la vida, aun me queda ,pero empieza a verse la luz al final del túnel...Hoy he recibido unos transistores que me fal...

View on www.youtube.com https://www.youtube.com/watch?v=dXEdeMJpuo8
Preview by Yahoo

Thanks to all and especially to Frank.
IZ8DWF

1486. Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-20 20:16:20 UTC
From: gn525@...
Topic: 1479 Message: 1486

Where is the lamp fuse located? I believe mine opened. I took the case off and do not want to randomly begin to start taking things apart.

Does anyone have picture or instructions to get to the board with the lamp fuse?

Gary
K9JN

1487. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-20 23:22:32 UTC
From: Tom Miller
Topic: 1479 Message: 1487

You need to remove the power amplifier (six screws) to get to the HPF board.

Take a DC resistance reading of the RF connector with the power off. Should be less than 10 ohms to ground.

Regards,
Tom

----- Original Message -----
From: gn525@... [FT-707]
To: FT-707@yahoogroups.com
Sent: Monday, April 20, 2015 4:16 PM
Subject: [FT-707] Re: lamp fuse F01

Where is the lamp fuse located? I believe mine opened. I took the case off and do not want to randomly begin to start taking things apart.

Does anyone have picture or instructions to get to the board with the lamp fuse?

Gary

K9JN

1488. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 12:17:21 UTC
From: allenbh@...
Topic: 1479 Message: 1488

Yes, Tom is correct, swing out the PA module and look in the HPF board area. I bought a unit with the lamp fuse open. No RX unless I brought my hand near the rear of the RF unit, the board under the top cover. That is the area where the little coax comes in from the HPF board to the Receiver.

However, It is my belief that the lamp is in series with the input, not to ground. When it opens there is literally no connection to the Rx from the coax connector and Rx/Tx Relay (it is in the RX line).

FWIW, I bought a couple of "grain of wheat" bulbs from Radio Shack last year. Might be getting harder to locate, now. A 6 or 8V bulb rated for some 50 mA is typical. Simply solder it into the board. I left the leads a couple inches long.

Not too hard, just take your time. At least you can see most of the parts in these radios, HI!
73,
Bill AJ4TX

1489. RE: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 12:46:10 UTC
From: Behiels jean-Pierre
Topic: 1479 Message: 1489

Due short cables very difficult to access

Be carefully you not lost some wire connections,there are a lot of wire there in the back on the PA unit.

Yaesu FT707 is a very awfull transceiver for doing repair and service !!

901’s and 902’s,and 101ZD’s are more usefull for repairing hi ..

73’s Jean ON4AEF.

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: dinsdag 21 april 2015 1:23
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Re: lamp fuse F01

You need to remove the power amplifier (six screws) to get to the HPF board.

Take a DC resistance reading of the RF connector with the power off. Should be less than 10 ohms to ground.

Regards,

Tom

----- Original Message -----

From: gn525@... [FT-707] <mailto:gn525@...m%20[FT-707]>

To: FT-707@yahoogroups.com

Sent: Monday, April 20, 2015 4:16 PM

Subject: [FT-707] Re: lamp fuse F01

Where is the lamp fuse located? I believe mine opened. I took the case off and do not want to randomly begin to start taking things apart.

Does anyone have picture or instructions to get to the board with the lamp fuse?

Gary

K9JN

1490. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 15:53:53 UTC
From: <gn525@...>
Topic: 1479 Message: 1490

Which board or plate covers the PA module? The circuit is open between the antenna connector and ground, so the weak receive must be due to the fuse lamp.

But still not certain how to get to that board.

Do I get there from the top or bottom of the radio?

Which 6 screws do I remove?

I do not want to damage the radio as it is a solid receiver and a nice sounding rig.

Gary

From: FT-707@yahoogroups.com
Sent: □Tuesday□, □April□ □21□, □2015 □7□:□17□ □AM
To: FT-707@yahoogroups.com

Yes, Tom is correct, swing out the PA module and look in the HPF board area. I bought a unit with the lamp fuse open. No RX unless I brought my hand near the rear of the RF unit, the board under the top cover. That is the area where the little coax comes in from the HPF board to the Receiver.

However, It is my belief that the lamp is in series with the input, not to ground. When it opens there is literally no connection to the Rx from the coax connector and Rx/Tx Relay (it is in the RX line).

FWIW, I bought a couple of "grain of wheat" bulbs from Radio Shack last year. Might be getting harder to locate, now. A 6 or 8V bulb rated for some 50 mA is typical. Simply solder it into the board. I left the leads a couple inches long.

Not too hard, just take your time. At least you can see most of the parts in these radios, HI!
73,
Bill AJ4TX

1491. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 16:23:25 UTC
From: <gn525@...>
Topic: 1479 Message: 1491

OK, I figured out I remove the fined brick. The antenna wires go into a shielded box. I assume the fuse lamp is in there.

Is there an easy means to open that box?

Gary

From: gn525@ymail.com
Sent: □Tuesday□, □April□ □21□, □2015 □10□:□56□ □AM
To: FT-707@yahoogroups.com

Which board or plate covers the PA module? The circuit is open between the antenna connector and ground, so the weak receive must be due to the fuse lamp.

But still not certain how to get to that board.

Do I get there from the top or bottom of the radio?

Which 6 screws do I remove?

I do not want to damage the radio as it is a solid receiver and a nice sounding rig.

Gary

From: FT-707@yahoogroups.com
Sent: □Tuesday□, □April□ □21□, □2015 □7□:□17□ □AM
To: FT-707@yahoogroups.com

Yes, Tom is correct, swing out the PA module and look in the HPF board area. I bought a unit with the lamp fuse open. No RX unless I brought my hand near the rear of the RF unit, the board under the top cover. That is the area where the little coax comes in from the HPF board to the Receiver.

However, It is my belief that the lamp is in series with the input, not to ground. When it opens there is literally no connection to the Rx from the coax connector and Rx/Tx Relay (it is in the RX line).

FWIW, I bought a couple of "grain of wheat" bulbs from Radio Shack last year. Might be getting harder to locate, now. A 6 or 8V bulb rated for some 50 mA is typical. Simply solder it into the board. I left the leads a couple inches long.

Not too hard, just take your time. At least you can see most of the parts in these radios, HI!
73,
Bill AJ4TX

1492. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 13:57:25 UTC
From: Curt Nixon
Topic: 1479 Message: 1492

I will second what Jean said about access within the 707.

It is worth noting that the 707 PA module is essentially identical to the one used in the top of the line flagship FT-ONE by Yaesu. Be wary of pinched wire bundles and pulled connectors. The area around the AVR board is another tightly packed area that has a habit of failing into a burning mess.

Curt
KU8L

On 4/21/2015 8:46 AM, 'Behiels jean-Pierre' on4aef@... [FT-707] wrote:
>
> Due short cables very difficult to access
>
> Be carefully you not lost some wire connections,there are a lot of
> wire there in the back on the PA unit.
>
> Yaesu FT707 is a very awfull transceiver for doing repair and service !!
>
> 901’s and 902’s,and 101ZD’s are more usefull for repairing hi ..
>
> 73’s Jean ON4AEF.
>
> *From:*FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> *Sent:* dinsdag 21 april 2015 1:23
> *To:* FT-707@yahoogroups.com
> *Subject:* Re: [FT-707] Re: lamp fuse F01
>
> You need to remove the power amplifier (six screws) to get to the HPF
> board.
>
> Take a DC resistance reading of the RF connector with the power off.
> Should be less than 10 ohms to ground.
>
> Regards,
>
> Tom
>
> ----- Original Message -----
>
> *From:*gn525@... [FT-707] <mailto:gn525@...%20[FT-707]>
>
> *To:*FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
>

> *Sent:*Monday, April 20, 2015 4:16 PM
>
> *Subject:*[FT-707] Re: lamp fuse F01
>
> Where is the lamp fuse located? I believe mine opened. I took
> the case off and do not want to randomly begin to start taking
> things apart.
>
> Does anyone have picture or instructions to get to the board with
> the lamp fuse?
>
> Gary
>
> K9JN
>
>

1493. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 16:47:03 UTC
From: Curt Nixon
Topic: 1479 Message: 1493

```
F01 is mounted on the Fan Control Unit. Diagonally across the board
from where the fan pigtail plugs in. Under the perforated metal shield
that runs across the rear of the radio
```

On 4/21/2015 12:23 PM, gn525@... [FT-707] wrote:
>
> OK, I figured out I remove the fined brick. The antenna wires go into
> a shielded box. I assume the fuse lamp is in there.
>
> Is there an easy means to open that box?
>
> Gary
>
> *From:* gn525@... <mailto:gn525@...>
> *Sent:* □Tuesday□, □April□ □21□, □2015 □10□:□56□ □AM
> *To:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
>
> Which board or plate covers the PA module? The circuit is open
> between the antenna connector and ground, so the weak receive must be
> due to the fuse lamp.
>
> But still not certain how to get to that board.
>
> Do I get there from the top or bottom of the radio?
>
> Which 6 screws do I remove?
>
> I do not want to damage the radio as it is a solid receiver and a nice
> sounding rig.
>
> Gary
>
> *From:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
> *Sent:* □Tuesday□, □April□ □21□, □2015 □7□:□17□ □AM
> *To:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
>
> Yes, Tom is correct, swing out the PA module and look in the HPF board
> area. I bought a unit with the lamp fuse open. No RX unless I brought
> my hand near the rear of the RF unit, the board under the top cover.
> That is the area where the little coax comes in from the HPF board to
> the Receiver.
>
> However, It is my belief that the lamp is in series with the input,
> not to ground. When it opens there is literally no connection to the

> Rx from the coax connector and Rx/Tx Relay (it is in the RX line).
>
> FWIW, I bought a couple of "grain of wheat" bulbs from Radio Shack
> last year. Might be getting harder to locate, now. A 6 or 8V bulb
> rated for some 50 mA is typical. Simply solder it into the board. I
> left the leads a couple inches long.
>
> Not too hard, just take your time. At least you can see most of the
> parts in these radios, HI!
> 73,
> Bill AJ4TX
>
>
>
>

1494. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 14:06:46 UTC
From: Wilmer Martinez
Topic: 1479 Message: 1494

up side in the radio (see picture) located PB2001 Board, be carefull many cables.... and in the service manual see pag 35 Wilmer Martinez
+582434314949
+584243426555

El Martes, 21 de abril, 2015 8:58:54, "allenbh@... [FT-707]" <FT-707@yahoogroups.com> escribió:

Yes, Tom is correct, swing out the PA module and look in the HPF board area. I bought a unit with the lamp fuse open. No RX unless I brought my hand near the rear of the RF unit, the board under the top cover. That is the area where the little coax comes in from the HPF board to the Receiver.

However, It is my belief that the lamp is in series with the input, not to ground. When it opens there is literally no connection to the Rx from the coax connector and Rx/Tx Relay (it is in the RX line).

FWIW, I bought a couple of "grain of wheat" bulbs from Radio Shack last year. Might be getting harder to locate, now. A 6 or 8V bulb rated for some 50 mA is typical. Simply solder it into the board. I left the leads a couple inches long.

Not too hard, just take your time. At least you can see most of the parts in these radios, HI!
73,
Bill AJ4TX

1495. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 16:49:11 UTC
From: Curt Nixon
Topic: 1479 Message: 1495

http://www.radiomanual.info/schemi/FT707_serv.pdf

Service Manual

On 4/21/2015 11:53 AM, gn525@... [FT-707] wrote:
>
> Which board or plate covers the PA module? The circuit is open
> between the antenna connector and ground, so the weak receive must be
> due to the fuse lamp.
>
> But still not certain how to get to that board.
>
> Do I get there from the top or bottom of the radio?
>
> Which 6 screws do I remove?
>
> I do not want to damage the radio as it is a solid receiver and a nice
> sounding rig.
>
> Gary
>
> *From:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
> *Sent:* □Tuesday□, □April□ □21□, □2015 □7□:□17□ □AM
> *To:* FT-707@yahoogroups.com <mailto:FT-707@yahoogroups.com>
>
> Yes, Tom is correct, swing out the PA module and look in the HPF board
> area. I bought a unit with the lamp fuse open. No RX unless I brought
> my hand near the rear of the RF unit, the board under the top cover.
> That is the area where the little coax comes in from the HPF board to
> the Receiver.
>
> However, It is my belief that the lamp is in series with the input,
> not to ground. When it opens there is literally no connection to the
> Rx from the coax connector and Rx/Tx Relay (it is in the RX line).
>
> FWIW, I bought a couple of "grain of wheat" bulbs from Radio Shack
> last year. Might be getting harder to locate, now. A 6 or 8V bulb
> rated for some 50 mA is typical. Simply solder it into the board. I
> left the leads a couple inches long.
>
> Not too hard, just take your time. At least you can see most of the
> parts in these radios, HI!
> 73,
> Bill AJ4TX

>
>
>

1496. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-21 19:15:18 UTC
From: <gn525@...>
Topic: 1479 Message: 1496

Got it.

Thank you all.

Replaced the fused lamp and all is now good.

Gary

K9JN

.

1497. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-22 14:09:37 UTC
From: allenbh@...
Topic: 1479 Message: 1497

Note that the relay which switches Rx/Tx is on the LPF board and the signal goes back to the HPF before on the the Rx.

I did find the fuse bulb on the HPF board.
-Bill

1498. Re: [FT-707] Re: lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-22 14:05:08 UTC
From: allenbh@...
Topic: 1479 Message: 1498

OK, wow - it has been a couple of years! There is a little coax to the Rx that comes out of that board. At the time I did think about just jumping it out. Maybe that has been done? It is shown on the schematic. Pin 1 and 2 on J1002 are the antenna input pins from the HPF board. Touch that, or jumper it to your antenna and see if it wakes up. The schematic shows the lamp fuse on the input.

1499. FT-707]: Lamp fuse F01

Yahoo group: FT-707
Date: 2015-04-22 07:20:11 UTC
From: Behiels jean-Pierre
Topic: 1499 Message: 1499

By witch kind of type you replaced the lamp bulb ?

Or dit you solder a wire across or in place off.

I do have changed all those lamp bulbs (FT901-FT902-FT 101ZD-FT707)by a simple wire,those lamps are not really a bigger security than a simple wire,I think.

Those bulbs are going failing very fast,even with the antenne not connected and playing on same the frequency with another rig,does already give

a interruption in those bulbs ??.

In this case the transmitted the small RF is already enough for this protection bulb, even while the front-end fets does not fail !!!!!!!!!!!

I do see a lot of light every time while transmitting with another transceiver,and no antenne connected to the bulb rig,even with the attenuator ON and

switched to another band hi ..

My experiences guys,free to give some comments around hi hi …

Regards Jean ON4AEF.

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: dinsdag 21 april 2015 21:15
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Re: lamp fuse F01

Got it.

Thank you all.

Replaced the fused lamp and all is now good.

Gary

K9JN

.

<http://geo.yahoo.com/serv?s=97359714/grpId=9841890/grpspId=1705063108/msgId=1495/stime=1429637758>
<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img>

1500. FV700DM to a FT707?

Yahoo group: FT-707
Date: 2015-04-27 15:27:43 UTC
From: johnwatson60@...
Topic: 1500 Message: 1500

Hi everyone. My question is: Can a FV700DM be used straight on to a FT707? No modes hopefully.
Thanks for any answers. Cheers!
John (VE3UAR)

1501. Re: [FT-707] FV700DM to a FT707?

Yahoo group: FT-707
Date: 2015-04-28 15:43:31 UTC
From: John Macdonald
Topic: 1500 Message: 1501

Hi John,

It sure can. I have that setup here and it works very well.

73,
John VE1CM

On Apr 27, 2015, at 12:27 PM, johnwatson60@... [FT-707] <FT-707@yahoogroups.com> wrote:

>
> Hi everyone. My question is: Can a FV700DM be used straight on to a FT707? No modes hopefully.
>
> Thanks for any answers. Cheers!
>
> John (VE3UAR)
>
>
>

1503. Re: [FT-707] FV700DM to a FT707?

Yahoo group: FT-707
Date: 2015-04-29 10:55:37 UTC
From: John Macdonald
Topic: 1500 Message: 1503

That’s right. Just connect the 8 pin cable from the fv707 to the Ext VFO socket on the 707 and the 7 pin cable to the ACC socket and it works.

John
On Apr 28, 2015, at 4:10 PM, johnwatson60@... [FT-707] <FT-707@yahoogroups.com> wrote:

> Thank you John, but is that just a straight connection and nothing else to do?
>
> 73's from the other John
>
>

1504. Re: [FT-707] FV700DM to a FT707?

Yahoo group: FT-707
Date: 2015-05-01 14:10:28 UTC
From: johnwatson60@...
Topic: 1500 Message: 1504

Thanks John. I didn't want to damage anything by trying on my own. I took your advice and it does indeed work fine. Thanks again and 73's. John (VE3UAR

1505. Re: [FT-707] FV700DM to a FT707?

Yahoo group: FT-707
Date: 2015-05-01 16:37:47 UTC
From: John Macdonald
Topic: 1500 Message: 1505

I’m glad it worked for you.

73,
John VE1CM
On May 1, 2015, at 11:10 AM, johnwatson60@... [FT-707] <FT-707@yahoogroups.com> wrote:

> Thanks John. I didn't want to damage anything by trying on my own. I took your advice and it does indeed work fine. Thanks again and 73's.
>
> John (VE3UAR
>
>

1506. FT-707 Google groups

Yahoo group: FT-707
Date: 2015-05-16 06:38:26 UTC
From: ve2ebp@...
Topic: 1506 Message: 1506

Good news!

The FT-707 Google group is now up and running in beta mode.
So if any of you would like to give it a try, you are all welcome to join.

The address is: Google Groups http://www.tinyurl.com/ft-707googlegroup

Google Groups http://www.tinyurl.com/ft-707googlegroup Google Groups allows you to create and participate in online forums and email-based groups with a rich experience for community conversations.

View on www.tinyurl.com http://www.tinyurl.com/ft-707googlegroup
Preview by Yahoo

Since it's all new, we will need some moderators. Please send an email to ve2hs@yahoo.ca for more information.

Thank you.

Pierre, VE2HS

1507. New FT-707 Google group in beta mode

Yahoo group: FT-707
Date: 2015-05-16 06:40:26 UTC
From: ve2ebp@...
Topic: 1507 Message: 1507

Good news!

The FT-707 Google group is now up and running in beta mode.
So if any of you would like to give it a try, you are all welcome to join.

The address is: http://preview.tinyurl.com/ft-707googlegroup
http://preview.tinyurl.com/ft-707googlegroup

Since it's all new, we will need some moderators. Please send an email to ve2hs@yahoo.ca for more information.

Thank you.

Pierre, VE2HS

1508. LOOKING FOR A FV 707

Yahoo group: FT-707
Date: 2015-05-30 09:07:48 UTC
From: arnaudbo@...
Topic: 1508 Message: 1508

Hello i'm looking for a FV 707 to complete the line

thank's

ARNAUD F4CJY

1509. Re: LOOKING FOR A FV 707

Yahoo group: FT-707
Date: 2015-05-30 22:21:18 UTC
From: ve2ebp@...
Topic: 1508 Message: 1509

Sorry, I don't have one. good luck though. Will be look really nice with it. I must admit

1510. Transmodulation/intermodulation

Yahoo group: FT-707
Date: 2015-05-31 09:20:19 UTC
From: louis.noblet@...
Topic: 1510 Message: 1510

Hi,
I'm fighting with a tendancy of hight trans/intermod on my FT707, especially on 40 & 20 m.
Maybe a pb linked with the band switching diodes.
I noticed large variation in their biasing current.
Has anyone experience on the subject?
Tks & 73
Louis

1511. Re: LOOKING FOR A FV 707

Yahoo group: FT-707
Date: 2015-05-31 09:16:34 UTC
From: Ian Jones
Topic: 1508 Message: 1511

Hi Arnaud

Have an FV707..... a bit battered though.
Will take a few pictures and test it if you are interested.

Also have the matching PSU.

Been on the shelf a good few years.....

Regards & 73 de Ian G4MLW

1512. Frequency Alignment in rx tx

Yahoo group: FT-707
Date: 2015-06-02 16:28:17 UTC
From: radiocomunications@...
Topic: 1512 Message: 1512

Greetings from venezuela, any can help me, need check and calibrate frequency in rx and tx FT 707, manual really it's not explain correct way to do

1513. Expecting arrival of a FT-707 and have rig questions

Yahoo group: FT-707
Date: 2015-08-03 14:21:12 UTC
From: downeyrich@...
Topic: 1513 Message: 1513

I am expecting delivery today ! Can you advise me which headphones would be best (non-microphone type). Stereo or mono ?

I don't have a large power supply, but do have one rated at 7 amps continuous (T-T model, I've been QRP for many years). Of course, not enough for 100 watts but would it be adequate for ten watts the lowest power output the 707 capable of. I don't want to invest in a big supply until I put the rig though some of it's paces. Receive and 10 watts output to my dummy load.

Any advice regarding the above plus any other comments would be appreciated.

Thanks and 73
Dick F8WBD

1514. Re: [FT-707] Expecting arrival of a FT-707 and have rig questions

Yahoo group: FT-707
Date: 2015-08-03 17:01:33 UTC
From: Curt Nixon
Topic: 1513 Message: 1514

Also check: http://www.radiomanual.info/schemi/FT707_user.pdf

On 8/3/2015 10:21 AM, downeyrich@... [FT-707] wrote:
>
> I am expecting delivery today ! Can you advise me which headphones
> would be best (non-microphone type). Stereo or mono ?
>
>
> I don't have a large power supply, but do have one rated at 7 amps
> continuous (T-T model, I've been QRP for many years). Of course, not
> enough for 100 watts but would it be adequate for ten watts the lowest
> power output the 707 capable of. I don't want to invest in a big
> supply until I put the rig though some of it's paces. Receive and 10
> watts output to my dummy load.
>
>
> Any advice regarding the above plus any other comments would be
> appreciated.
>
>
> Thanks and 73
>
> Dick F8WBD
>
>
>
>

1515. Re: [FT-707] Expecting arrival of a FT-707 and have rig questions

Yahoo group: FT-707
Date: 2015-08-03 16:58:47 UTC
From: Curt Nixon
Topic: 1513 Message: 1515

That PS should be enough for testing at lowest power.

THe output of the headphone jack is mono.

Curt
KU8L
VIZKEY

On 8/3/2015 10:21 AM, downeyrich@... [FT-707] wrote:
>
> I am expecting delivery today ! Can you advise me which headphones
> would be best (non-microphone type). Stereo or mono ?
>
>
> I don't have a large power supply, but do have one rated at 7 amps
> continuous (T-T model, I've been QRP for many years). Of course, not
> enough for 100 watts but would it be adequate for ten watts the lowest
> power output the 707 capable of. I don't want to invest in a big
> supply until I put the rig though some of it's paces. Receive and 10
> watts output to my dummy load.
>
>
> Any advice regarding the above plus any other comments would be
> appreciated.
>
>
> Thanks and 73
>
> Dick F8WBD
>
>
>
>

1516. nb improvements??

Yahoo group: FT-707
Date: 2015-09-26 22:02:43 UTC
From: swanradios@...
Topic: 1516 Message: 1516

Hello again everyone
Stephen here I was wondering as I live in a high noise area right next to a power station and I do get a large amount of static and arcing noise from this station, I was wondering If any one has ever tried to improve the circuit of the if stage around Q10 11 and 12. Although I do realize this is a noise blanker I have another radio that does a better job of reducing the noise I do experience here. Maybe I am looking in the wrong place any help on this matter would be greatly appreciated thanks again
kb7bgs Stephen

1517. Re: [FT-707] nb improvements??

Yahoo group: FT-707
Date: 2015-09-27 10:24:16 UTC
From: Francesco Messineo
Topic: 1516 Message: 1517

Hello

On Sun, Sep 27, 2015 at 12:02 AM, swanradios@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Hello again everyone
> Stephen here I was wondering as I live in a high noise area right next to a power station
and > I do get a large amount of static and arcing noise from this station, I was wondering
If any
> one has ever tried to improve the circuit of the if stage around Q10 11 and 12. Although
I do > realize this is a noise blanker I have another radio that does a better job of
reducing the
> noise I do experience here. Maybe I am looking in the wrong place any help on this matter
> would be greatly appreciated thanks again

I suggest you to first try the alignment procedure of the NB circuit
that you find in the manual (I think it was in the technical
supplement, but I might be wrong).
In my experience with a lot of different RX, 707's NB is not bad at
all. It just can't cope with strong carriers in the same band you're
receiving, but that's a common problem to a lot of similar (old)
designs.
I've seen great difference between a misaligned NB circuit and a
proper aligned one and not only on the FT-707.

best 73
Frank IZ8DWF

1518. FT-707 repairs

Yahoo group: FT-707
Date: 2015-10-02 20:52:55 UTC
From: Kb3hg@...
Topic: 1518 Message: 1518

Anyone know of a repair shop?

Tom Kb3hg

1519. Re: FT-707 repairs

Yahoo group: FT-707
Date: 2015-10-04 02:17:55 UTC
From: honeygreen3@...
Topic: 1518 Message: 1519

Burghart radio repair 1-605-886-7314.I have had this place repair my ft 707.

Give him a try Lynn

1520. Ft 707 pa strange mod?

Yahoo group: FT-707
Date: 2015-10-10 16:20:42 UTC
From: barry.mayson@...
Topic: 1520 Message: 1520

Hi I have just received a FT707 the later version. It had issues with no tx was a broken wire on the AVR board. A sod to get to but fixed that bit now getting tx13 volts to where it should be. But no tx? The main thing I noticed is that the fan for the pa is feed directly through a sensor and not via the hpf board. I am unsure why this was done and if it was a mod have no information on it. If anybody knows about this and could let me know very much appreciatied. It has other problems as it was dropped by the courier and smashed the pa into the lpf board 17 tracks busted!! Not sure if its repairable? Anyway one thing at a time. Thanks for any help.

Regards EA5/G1LHL/p

1521. Crystals

Yahoo group: FT-707
Date: 2015-10-20 11:21:17 UTC
From: swanradios@...
Topic: 1521 Message: 1521

Hello everyone
I am looking for the 10a and 10b crystals for my 707 it has been changed of course and I would like to revert it back to have 28.000 to 29.000 mhz if anyone could help me on this I would greatly appreciate it thanks and have a great day
KB7BGS Stephen

1522. Re: [FT-707] Crystals

Yahoo group: FT-707
Date: 2015-10-20 20:06:55 UTC
From: Douglas McCann
Topic: 1521 Message: 1522

available on E bay my 707 has been on 26-28 and 6 over the years

On Tuesday, 20 October 2015, 21:01, "swanradios@... [FT-707]" <FT-707@yahoogroups.com> wrote:

  Hello everyone
I am looking for the 10a and 10b crystals for my 707 it has been changed of course and I would like to revert it back to have 28.000 to 29.000 mhz if anyone could help me on this I would greatly appreciate it thanks and have a great day
KB7BGS Stephen

1523. Re: [FT-707] Crystals

Yahoo group: FT-707
Date: 2015-10-24 10:04:24 UTC
From: g4sra
Topic: 1521 Message: 1523

On 20/10/15 12:21, swanradios@... [FT-707] wrote:
> Hello everyone
> I am looking for the 10a and 10b crystals for my 707 it has been changed of course and I would like to revert it back to have 28.000 to 29.000 mhz if anyone could help me on this I would greatly appreciate it thanks and have a great day
> KB7BGS Stephen
>
>

In the UK, these are the best priced supplier I have found and used to
do a special deal for two crystals, so may work out cheaper than
anywhere else if you don't mind the wait (they were always slow).

May be worth your time firing off an email for a quote in any case...
http://www.quartslab.com/

1524. FT707 external vfo

Yahoo group: FT-707
Date: 2015-11-03 21:15:11 UTC
From: barry.mayson@...
Topic: 1524 Message: 1524

Hi I have a bit battered but working 707 and I want to connect my own design of vfo to it as the external vfo. I have the connection information but am not clear as to how it knows that there is an external vfo? Ist it a voltage loop or ground signal ? Any help on this would very much appreciated. Thanks.

Regard Barry G1LHL

1525. [FT707 owners]Yaesu FT707

Yahoo group: FT-707
Date: 2015-11-04 06:26:00 UTC
From: Behiels jean-Pierre
Topic: 1525 Message: 1525

Hi FT707 - owners;

I do have obtained a old FT707 transceiver for a good price witch like to work well.

But after warming up a long time (whole day in receiving mode) I observe next fenomene.

The audio becomes crispy,its like the variable IF bandwidth is turned a little bit right of left away from his center position !!

I also do observe a little shiffle in the speaker,witch I could destroy by turning the RF gain potmeter a little bit counter clockwise(from fully 17H00 clock position to 14H00

clock position).

Its like there is to mutch amplification in the IF unit (if I may say it,in this kind of way)

Could it be that there is some parasitic oscillation in the RF unit or so ??

I am thinking in the direction of the IF unit while the both RF gain and Width controls have influence on this fenomene ??

I have also the impression I do not have this fenomene while tuning into the 7.0 (40M) band and lower.

I do have it from 20M and higher into the hambands .

I hope someone could give me some hints to point me into the right direction what it could be ?
I am thinking in the direction to change all capacitors on this PCB board or to re-solder the whole board ?

Or is it a well none fenomene on a particular serial number of transceivers of this type ??

I do have a another one of the same type and there everything has not been observed !!!

So I presume there is something going wrong.

Kindly regards Jean ON4AEF

E-mail : <mailto:on4aef@...> on4aef@...

1526. Re: [FT-707] FT707 external vfo

Yahoo group: FT-707
Date: 2015-11-04 11:19:18 UTC
From: Francesco Messineo
Topic: 1524 Message: 1526

Hi Barry

On Tue, Nov 3, 2015 at 10:15 PM, barry.mayson@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Hi I have a bit battered but working 707 and I want to connect my own design of vfo to it as the external vfo. I have the connection information but am not clear as to how it knows that there is an external vfo? Ist it a voltage loop or ground signal ? Any help on this would very much appreciated. Thanks.

it has passed a long time since I did my own external VFO, so the
details aren't so clear in my mind at this time, but I'm sure there's
a +13V to switch to one pin of the connector to enable the internal
VFO and to another pin (possibly on the same pin where you put the RF
signal from external VFO) to enable the external one. Pinout of the
connector is enough clear anyway, I didn't have to guess.
Keep in mind that I didn't find a way to screen enough the internal
VFO to eliminate interferences when the internal one is selected, so I
had to completely switch off the power to it when selecting the
internal one. Yaesu did the same anyway, the internal VFO is
completely powered off when you select the external one.

I hope this helps.
Frank IZ8DWF
>
> Regard Barry G1LHL
>
>

1527. Re: [FT-707] [FT707 owners]Yaesu FT707

Yahoo group: FT-707
Date: 2015-11-04 13:21:19 UTC
From: Barry Mayson
Topic: 1525 Message: 1527

Hi Jean not sure what is causing that. Had two of them but seem very good to me and no problems like you describe. It may have been tampered with some where inside a pot turner! Suggest you try a realignment if nothing else it may be able to point to where you have the problem. Its a long job to realign it but may be worth it. Hope you get it sorted always thought that the true VFO on these was one of the best almost the last true VFO.

Regards Barry G1LHL
On 4 Nov 2015 12:08, "'Behiels jean-Pierre' on4aef@... [FT-707]" <
FT-707@yahoogroups.com> wrote:

>
>
>
>
> Hi FT707 - owners;
>
>
>
> I do have obtained a old FT707 transceiver for a good price witch like to
> work well.
>
> But after warming up a long time (whole day in receiving mode) I observe
> next fenomene.
>
> The audio becomes crispy,its like the variable IF bandwidth is turned a
> little bit right of left away from his center position !!
>
> I also do observe a little shiffle in the speaker,witch I could destroy by
> turning the RF gain potmeter a little bit counter clockwise(from fully
> 17H00 clock position to 14H00
>
> clock position).
>
> Its like there is to mutch amplification in the IF unit (if I may say

> it,in this kind of way)
>
> Could it be that there is some parasitic oscillation in the RF unit or so
> ??
>
> I am thinking in the direction of the IF unit while the both RF gain and
> Width controls have influence on this fenomene ??
>
> I have also the impression I do not have this fenomene while tuning into
> the 7.0 (40M) band and lower.

>
> I do have it from 20M and higher into the hambands …
>
> I hope someone could give me some hints to point me into the right
> direction what it could be ?
> I am thinking in the direction to change all capacitors on this PCB board
> or to re-solder the whole board ?
>
> Or is it a well none fenomene on a particular serial number of
> transceivers of this type ??
>
> I do have a another one of the same type and there everything has not been
> observed !!!
>
> So I presume there is something going wrong.
>
> Kindly regards Jean ON4AEF
>
>
>
> *E-mail : **on4aef@...* <on4aef@...>
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1528. RE: [FT-707] [FT707 owners]Yaesu FT707

Yahoo group: FT-707
Date: 2015-11-05 10:10:28 UTC
From: Behiels jean-Pierre
Topic: 1525 Message: 1528

OK fine Barry,

I like those FT707 types of transceivers very well I have two of them.

My first impression is,that I do have some parasitic oscillation into the IF unit,but not sure about this idee

I am not sure if this is a failure that comes regulary above ground into those transceivers.

My other transceiver sure does not have this fenomene

I will take a look on the allignement,but I am not sure there is a lot to allign into the IF unit himself ?
I do have open the top cover and have take a look at the IF unit,and moving with some cables on this unit seems to have some influence.

It depends on how some signal cables are oriented above this PCB board ?

From there my oscillation idee !!

Regards Jean ON4AEF.

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: woensdag 4 november 2015 14:21
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] [FT707 owners]Yaesu FT707

Hi Jean not sure what is causing that. Had two of them but seem very good to me and no problems like you describe. It may have been tampered with some where inside a pot turner! Suggest you try a realignment if nothing else it may be able to point to where you have the problem. Its a long job to realign it but may be worth it. Hope you get it sorted always thought that the true VFO on these was one of the best almost the last true VFO.

Regards Barry G1LHL

On 4 Nov 2015 12:08, "'Behiels jean-Pierre' on4aef@... [FT-707]" <FT-707@yahoogroups.com> wrote:

Hi FT707 - owners;

I do have obtained a old FT707 transceiver for a good price witch like to work well.

But after warming up a long time (whole day in receiving mode) I observe next fenomene.

The audio becomes crispy,its like the variable IF bandwidth is turned a little bit right of left away from his center position !!

I also do observe a little shiffle in the speaker,witch I could destroy by turning the RF gain potmeter a little bit counter clockwise(from fully 17H00 clock position to 14H00

clock position).

Its like there is to mutch amplification in the IF unit (if I may say it,in this kind of way)

Could it be that there is some parasitic oscillation in the RF unit or so ??

I am thinking in the direction of the IF unit while the both RF gain and Width controls have influence on this fenomene ??

I have also the impression I do not have this fenomene while tuning into the 7.0 (40M) band and lower.

I do have it from 20M and higher into the hambands …

I hope someone could give me some hints to point me into the right direction what it could be ?
I am thinking in the direction to change all capacitors on this PCB board or to re-solder the whole board ?

Or is it a well none fenomene on a particular serial number of transceivers of this type ??

I do have a another one of the same type and there everything has not been observed !!!

So I presume there is something going wrong.

Kindly regards Jean ON4AEF

E-mail : <mailto:on4aef@...> on4aef@...

1529. RE: [FT-707] [FT707 owners]Yaesu FT707

Yahoo group: FT-707
Date: 2015-11-05 20:01:36 UTC
From: Barry Mayson
Topic: 1525 Message: 1529

Hi OK one idea I have is the capacitors the electrolytic it is an older type radio and they do dry out and become useless that may be not decoupling a circuit somewhere! Tantalum's are my pet hate in the capacity world had far to many fail on me. I do not use them unless there is no other option. I recently changed four on the 707 as they were 30 years old. I had a bag of unused ones. I replaced the 4 old ones with new and had 2 of the new ones go faulty when fitted. The heat from the soldering may of helped but been soldering for 40 years or so and use professional equipment. So my distrust goes on.
Maybe clean all the connections on the boards I use alcohol and cotton buds. Also try all the earth connections re-tighten the screws. I would go with these ideas first it may not help but won't hinder and maybe do some good. I have an ft 767 that has these coax type connections Yaesu are so

fond of and most of the faults are just dirty connections a quick clean and its back again.

Barry Mayson
On 5 Nov 2015 19:44, "'Behiels jean-Pierre' on4aef@... [FT-707]" <
FT-707@yahoogroups.com> wrote:

>
>
> OK fine Barry,
>
>
>
> I like those FT707 types of transceivers very well I have two of them.
>
> My first impression is,that I do have some parasitic oscillation into the
> IF unit,but not sure about this idee
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> I am not sure if this is a failure that comes regulary above ground into
> those transceivers.
>
> My other transceiver sure does not have this fenomene
>
> I will take a look on the allignement,but I am not sure there is a lot to
> allign into the IF unit himself ?
> I do have open the top cover and have take a look at the IF unit,and
> moving with some cables on this unit seems to have some influence.
>
> It depends on how some signal cables are oriented above this PCB board ?
>
> From there my oscillation idee !!
>

>
>
> Regards Jean ON4AEF.
>
>
>
>
>
>
>
> *From:* FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> *Sent:* woensdag 4 november 2015 14:21
> *To:* FT-707@yahoogroups.com
> *Subject:* Re: [FT-707] [FT707 owners]Yaesu FT707
>
>
>
>
>
> Hi Jean not sure what is causing that. Had two of them but seem very good
> to me and no problems like you describe. It may have been tampered with
> some where inside a pot turner! Suggest you try a realignment if nothing
> else it may be able to point to where you have the problem. Its a long job

> to realign it but may be worth it. Hope you get it sorted always thought

> that the true VFO on these was one of the best almost the last true VFO.

>
> Regards Barry G1LHL
>
> On 4 Nov 2015 12:08, "'Behiels jean-Pierre' on4aef@... [FT-707]" <
> FT-707@yahoogroups.com> wrote:
>
>
>
>
>
> Hi FT707 - owners;
>
>
>
> I do have obtained a old FT707 transceiver for a good price witch like to
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>
> But after warming up a long time (whole day in receiving mode) I observe
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>
> The audio becomes crispy,its like the variable IF bandwidth is turned a
> little bit right of left away from his center position !!
>

> I also do observe a little shiffle in the speaker,witch I could destroy by
> turning the RF gain potmeter a little bit counter clockwise(from fully
> 17H00 clock position to 14H00
>
> clock position).
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> Its like there is to mutch amplification in the IF unit (if I may say
> it,in this kind of way)
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> I hope someone could give me some hints to point me into the right
> direction what it could be ?
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> or to re-solder the whole board ?
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> Or is it a well none fenomene on a particular serial number of
> transceivers of this type ??
>
> I do have a another one of the same type and there everything has not been

> observed !!!
>
> So I presume there is something going wrong.
>
> Kindly regards Jean ON4AEF
>
>
>
> *E-mail : **on4aef@...* <on4aef@telenet.be>
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>

1530. Re: [FT-707] FT707 external vfo

Yahoo group: FT-707
Date: 2015-11-07 12:27:16 UTC
From: barry.mayson@...
Topic: 1524 Message: 1530

Hi just FYI the din external VFO connection has a switch in it that disables the internal VFO. So you have to have the right plug to use it or arrange some other way to switch over. Not seen one before so took some time to find, it is shown on the cct diagrams but not marked. There are several voltages avaliable on there as well but they are used for powering different bits on the factory unit.

Barry

1531. Re: [FT-707] FT707 external vfo

Yahoo group: FT-707
Date: 2015-11-07 16:23:42 UTC
From: Francesco Messineo
Topic: 1524 Message: 1531

On Sat, Nov 7, 2015 at 1:27 PM, barry.mayson@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Hi just FYI the din external VFO connection has a switch in it that disables the internal VFO.

That's correct, it's the external unit that can enable the internal
one or external one when it's plugged, depending on what pin gets the
DC input.

> So you have to have the right plug to use it or arrange some other way to switch over. Not seen one before so took some time to find, it is shown on the cct diagrams but not marked.

nope, any plug that has the correct pin number and spacing will open the switch.

>There are several voltages avaliable on there as well but they are used for powering different bits on the factory unit.

Pin 1 is GND
Pin 2 is TX 8V output, when the rig is switched to TX, this pin gets 8V in it.
Pin 3 is GND
Pin 4 is 8V output from a 7808 IC
Pin 5 is the internal VFO enable input, if you put 8V in it, the
internal VFO is powered on
Pin 6 is 13.5V output from the power supply with little or no filtering
Pin 7 is external VFO input, it needs DC 8V (with some source
resistance, I don't remember the correct value) + VFO signal
superimposed. You either put your external signal on this pin or you
put 8V DC on pin 5, but never both.
Pin 8 is a buffered signal output from internal VFO when it's powered on

HTH

Frank IZ8DWF

1532. Re: [FT-707] FT707 external vfo

Yahoo group: FT-707
Date: 2015-11-07 16:38:19 UTC
From: Barry Mayson
Topic: 1524 Message: 1532

Hi thanks it does help a lot! The one plug I had did not have a big enough detent so was not disconnecting the internal vfo just my luck to have the only that did not work!! I swapped bits over from another plug that did not have the correct number of pins and it now disconnects internal vfo. But there is a fault on the wiring from the socket? As I have no connection to the rf board or the led board.
As I said it was pretty beat up when it arrived so have more work to do, as most of the damage was on the back I suspect another broken wire some where there.
Yes could see you need a DC voltage to bias the right diode switch as you pointed out. That also supplies the led ext light. Thanks for helping Frank.

Barry G1LHL

Barry Mayson
On 7 Nov 2015 17:23, "Francesco Messineo francesco.messineo@... [FT-707]" <FT-707@yahoogroups.com> wrote:

>
>
> On Sat, Nov 7, 2015 at 1:27 PM, barry.mayson@... [FT-707]
> <FT-707@yahoogroups.com> wrote:
> >
> >
> >
> > Hi just FYI the din external VFO connection has a switch in it that
> disables the internal VFO.
>
> That's correct, it's the external unit that can enable the internal
> one or external one when it's plugged, depending on what pin gets the
> DC input.
>
> > So you have to have the right plug to use it or arrange some other way
> to switch over. Not seen one before so took some time to find, it is shown
> on the cct diagrams but not marked.
>
> nope, any plug that has the correct pin number and spacing will open the
> switch.
>
> >There are several voltages avaliable on there as well but they are used
> for powering different bits on the factory unit.
>
> Pin 1 is GND
> Pin 2 is TX 8V output, when the rig is switched to TX, this pin gets 8V in
> it.
> Pin 3 is GND

> Pin 4 is 8V output from a 7808 IC
> Pin 5 is the internal VFO enable input, if you put 8V in it, the
> internal VFO is powered on
> Pin 6 is 13.5V output from the power supply with little or no filtering
> Pin 7 is external VFO input, it needs DC 8V (with some source
> resistance, I don't remember the correct value) + VFO signal
> superimposed. You either put your external signal on this pin or you
> put 8V DC on pin 5, but never both.
> Pin 8 is a buffered signal output from internal VFO when it's powered on
>
> HTH
>
> Frank IZ8DWF
>
>

1533. Re: [FT-707] FT-707 repairs

Yahoo group: FT-707
Date: 2015-11-29 06:54:40 UTC
From: Pierre, VE2HS/VE2EBP
Topic: 1518 Message: 1533

We have a good technician here. If you want to ship me your radio, I could have him to look at it if you want.
His prices are very very good.

Pierre, VE2EBP/ VE2HS
On Oct 2, 2015 4:52 PM, "Kb3hg@... [FT-707]" <FT-707@yahoogroups.com> wrote:

>
>
> Anyone know of a repair shop?
>
> Tom Kb3hg
>
>
>
>
>

1534. FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300 ..,

Yahoo group: FT-707
Date: 2015-12-07 09:09:06 UTC
From: larry.rj73@...
Topic: 1534 Message: 1534

Hello

I am clearing my shack.

Contact me if you are interested in any of the rigs listed.
Kenwood TS 2000
Kenwood TS 990s

Elecraft K3
Elecraft KX-3

FlexRadio 5000a
FlexRadio 6300

Icom IC 7800
Icom IC 756 Pro III
Icom IC 7000

Acom 2000a
Icom PW-1

Pictures and price available on request.

Alan L Zaur
VT 05602
Email : alanzaur73@gmail.com
http://www.qrz.com/db/K1MZM

73

.,.,

1535. Re: FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300 ..,

Yahoo group: FT-707
Date: 2015-12-11 22:10:52 UTC
From: David Lisney
Topic: 1534 Message: 1535

This fraud has appeared in other groups... don't get caught by it.
Regards David G0FVT

Sent from my iPad

1536. Hello Everyone !!

Yahoo group: FT-707
Date: 2016-01-13 00:15:29 UTC
From: Bernard Mc Garry
Topic: 1536 Message: 1536

Hello everyone, My name Is Bernard McGarry, Callsign GI4HDJ (N. Ireland), I have held my Ham license from approximately the mid 70's, I'm not active, but I hope to be if I could get my antennas erected. I hope to buy a new handheld dual bander maybe soon. I bought a Yaesu FT-707 many years ago, but have only used it for receiving, until the antenna tower is erected. Currently I'm unpacking my ham and other gear, I've yet to find my FT-707 mic., but I'm sure I can find it somewhere.73'sBernardGI4HDJ

1537. Re: [FT-707] Hello Everyone !!

Yahoo group: FT-707
Date: 2016-01-16 05:55:56 UTC
From: Stephen Judd
Topic: 1536 Message: 1537

Hello Bernard Glad you have grown a new interest in getting some antenna up. Any ways good luck on the mic hunt I still have my first HF rig the Yaesu ft-707 and to this day few radios have the receiver this one does believe me I have compared and I have had some flag ships. Nice to meet ya 73 Stephen/KB7BGS

Please, look at what you reply, one and a half page of text with the source of your post is not necessary..
Jinny PE1rea your moderator

1538. Re: [FT-707] Hello Everyone !!

Yahoo group: FT-707
Date: 2016-01-16 16:03:12 UTC
From: Bernard Mc Garry
Topic: 1536 Message: 1538

To: Stephen/KB7BGS, many thanks to you Stephen for the welcome and the good points of the FT 707, I hopefully will get on air maybe later this year...73's for the future, GI4HDJ.
To: My moderator: Hello Jinny, you can rest assured I have not knowingly sent any extra text, but I can now see all that extra text..to me it looks like source code for a HTML document, but I see it frequently on other Yahoo Groops responses! I don't know how it is generated, I thought when I first saw it about 9 months ago on Yahoo Groups, that it might have been the sender trying to send an attachment that maybe wasn't permitted, but really I don't know how it is generated..it certainly is a waste of space. Maybe it's something about my me replying using the normal procedure IE just using the standard reply arrow, maybe I should have used the blue link in the heading, if you could advise me about anything I am doing incorrectly please I will take immediate action, as it is annoying to see all that extra text!Thanks for your patience, 73's
Bernard McGarry GI4HDJ

On Saturday, 16 January 2016, 11:11, "Stephen Judd swanradios@... [FT-707]" <FT-707@yahoogroups.com> wrote:

Hello Bernard Glad you have grown a new interest in getting some antenna up. Any ways good luck on the mic hunt I still have my first HF rig the Yaesu ft-707 and to this day few radios have the receiver this one does believe me I have compared and I have had some flag ships. Nice to meet ya 73 Stephen/KB7BGS

Please, look at what you reply, one and a half page of text with the source of your post is not necessary..
Jinny PE1rea your moderator

1539. re: Hello everyone!!

Yahoo group: FT-707
Date: 2016-01-19 19:49:14 UTC
From: Caitlyn Martin
Topic: 1539 Message: 1539

Hi, Bernard, and everyone else,

Welcome back to ham radio! I was off the air for nine years until this past fall. Some friends had been bugging me to get back on the air. I finally did with a low/no budget station including an FT-707 and a matching FC-707 tuner. It's worked out very well for me.

The nice thing about the FT-707 is that it's really an analog rig with a frequency counter for the display as you probably know. It has a significantly lower noise floor that the 1980s synthesized rigs Yaesu put out soon after the FT-707 reached the market. The sensitivity is quite good for a rig design that is now more than 35 years old, and the variable bandwidth filtering works almost as well as PBT, something Yaesu couldn't offer without paying a royalty to a competitor.
Anyway, my rig and tuner both still work very well despite their age. They've proven to be a good choice for me. I'm often amazed that this radio has a very mixed reputation. I've seen some nice ones go in the $175 range on eBay. I'd like to add the narrow CW filter but the 250Hz Inrad filter costs almost as much as the rig is worth. The factory XF-8.9HCN 300Hz filter is very hard to find and also commands a fairly high price. Since I plan on keeping the rig I may have to break down and add one eventually :D

My next step in improving my shack is getting my antenna up higher. I'm using the earchi.org end fed but it's too close to the house and too low. I intend to move the vinyl rope that attaches to the feed point up to my chimney which should help, but that won't happen until it's a bit warmer. It was 8 degrees here this morning with a much colder wind chill.

Good to make your acquaintance and I hope to chat with you on the air sometime in the not too distant future.
73,Caitlyn K9NI/4

On Saturday, January 16, 2016 1:10 PM, "Bernard Mc Garry buz90a@yahoo.co.uk [FT-707]" <FT-707@yahoogroups.com> wrote:

To: Stephen/KB7BGS, many thanks to you Stephen for the welcome and the good points of the FT 707, I hopefully will get on air maybe later this year...73's for the future, GI4HDJ.

1540. Re: [FT-707] re: Hello everyone!!

Yahoo group: FT-707
Date: 2016-01-19 22:07:42 UTC
From: Bernard Mc Garry
Topic: 1539 Message: 1540

Hi Caitlyn, glad to hear from you as like yourself I'm also a F-T707 owner.o time or interest After 30 odd years of inactivity (on HF anyway), due mainly to work/domestic moving houses etc., at last I've retired from an Electrical/Electronic Engineer, and although I had neither time to erect an Antenna or even operate an HF rig, I hope now that life has settled down a bit, my RF interest has returned, so eventually I hope to establish a basic HF station. I did have a complete metal tower for the Antennas, but the base part needed to be strengthened and galvanized, but a local engineer has had it for about 5 years, and despite contacting him, he dosen't come up with the results, so I'll probably have to get someone else to make me new base. It's one of those masts which is telescopic, and it also tilts over, which makes working at the Antennas easy. In the meantime I was thinking of erecting a long horizontal wire and with an ATU maybe make contact that way, or put a 30 foot vertical antenna with good grounding counterpoise radials..I'm not sure just yet but getting the base back would be a good help. Like everything else in life family matters come first and then hobbies!! I live on a country location at a reasonable position almost 3/4 way up a mountain in Northern Ireland, so that's not a bad start. I hope things go well for yourself and family, cos the 'social aspect' of radio hams can be entertaining !!73's for nowBernard GI4HDJ

On Tuesday, 19 January 2016, 20:53, "Caitlyn Martin mizuhoradio@... [FT-707]" <FT-707@yahoogroups.com> wrote:

  Hi, Bernard, and everyone else,

Welcome back to ham radio! I was off the air for nine years until this past fall. Some friends had been bugging me to get back on the air. I finally did with a low/no budget station including an FT-707 and a matching FC-707 tuner. It's worked out very well for me.

The nice thing about the FT-707 is that it's really an analog rig with a frequency counter for the display as you probably know. It has a significantly lower noise floor that the 1980s synthesized rigs Yaesu put out soon after the FT-707 reached the market. The sensitivity is quite good for a rig design that is now more than 35 years old, and the variable bandwidth filtering works almost as well as PBT, something Yaesu couldn't offer without paying a royalty to a competitor.
Anyway, my rig and tuner both still work very well despite their age. They've proven to be a good choice for me. I'm often amazed that this radio has a very mixed reputation. I've seen some nice ones go in the $175 range on eBay. I'd like to add the narrow CW filter but the 250Hz Inrad filter costs almost as much as the rig is worth. The factory XF-8.9HCN 300Hz filter is very hard to find and also commands a fairly high price. Since I plan on keeping the rig I may have to break down and add one eventually :D

My next step in improving my shack is getting my antenna up higher. I'm using the earchi.org end fed but it's too close to the house and too low. I intend to move the vinyl rope that attaches to the feed point up to my chimney which should help, but that won't happen until it's a bit warmer. It was 8 degrees here this morning with a much colder wind chill.

Good to make your acquaintance and I hope to chat with you on the air sometime in the not too distant future.
73,Caitlyn K9NI/4

On Saturday, January 16, 2016 1:10 PM, "Bernard Mc Garry buz90a@... [FT-707]" <FT-707@yahoogroups.com> wrote:

To: Stephen/KB7BGS, many thanks to you Stephen for the welcome and the good points of the FT 707, I hopefully will get on air maybe later this year...73's for the future, GI4HDJ.

1541. Re: [FT-707] re: Hello everyone!!

Yahoo group: FT-707
Date: 2016-01-20 14:14:47 UTC
From: Curt Nixon
Topic: 1539 Message: 1541

Yes, the 707 is a pretty nice rig for as old as it is. It has a bit more drift than many like, but that can be helped a lot with a small fan running all the time on the heat sink. Also if you use the front foot bail to elevate the base, turning the top panel around to let heat out at the front DOES help a little bit also.

If you are interested in a Yaesu CW filter for the 707, I have one here that needs a new home. I got rid of the 707 and the new owner had no need for it, so removed it. Works very well. I have an FT ONE here also.....same vintage but the top of the Yaesu line rig with a full load of cascaded filters. Wonderful radio even with the design quirks related to its mixing architecture.

Many do not realize that the PA module in the FT One is circuit identical to the 707 PA----just uses a slightly larger heatsink. THe little 707 has good genes!

email direct if you have an interest in the filter--I looked a long time to find this one and couldn't see the price of the INRAD unit in such a low-cost radio :)

Curt
KU8L
ku8l@...
www.vizkey.com

On 1/19/2016 2:49 PM, Caitlyn Martin mizuhoradio@... [FT-707] wrote:
> Hi, Bernard, and everyone else,
>
> Welcome back to ham radio! I was off the air for nine years until
> this past fall. Some friends had been bugging me to get back on the
> air. I finally did with a low/no budget station including an FT-707
> and a matching FC-707 tuner. It's worked out very well for me.
>
> The nice thing about the FT-707 is that it's really an analog rig with
> a frequency counter for the display as you probably know. It has a
> significantly lower noise floor that the 1980s synthesized rigs Yaesu
> put out soon after the FT-707 reached the market. The sensitivity is
> quite good for a rig design that is now more than 35 years old, and
> the variable bandwidth filtering works almost as well as PBT,
> something Yaesu couldn't offer without paying a royalty to a competitor.
>
> Anyway, my rig and tuner both still work very well despite their age.
> They've proven to be a good choice for me. I'm often amazed that this
> radio has a very mixed reputation. I've seen some nice ones go in the
> $175 range on eBay. I'd like to add the narrow CW filter but the

> 250Hz Inrad filter costs almost as much as the rig is worth. The
> factory XF-8.9HCN 300Hz filter is very hard to find and also commands
> a fairly high price. Since I plan on keeping the rig I may have to
> break down and add one eventually :D
>
> My next step in improving my shack is getting my antenna up higher.
> I'm using the earchi.org end fed but it's too close to the house and
> too low. I intend to move the vinyl rope that attaches to the feed
> point up to my chimney which should help, but that won't happen until
> it's a bit warmer. It was 8 degrees here this morning with a much
> colder wind chill.
>
> Good to make your acquaintance and I hope to chat with you on the air
> sometime in the not too distant future.
>
> 73,
> Caitlyn K9NI/4
>
>
> On Saturday, January 16, 2016 1:10 PM, "Bernard Mc Garry
> buz90a@... [FT-707]" <FT-707@yahoogroups.com> wrote:
>
>
> To: Stephen/KB7BGS, many thanks to you Stephen for the welcome and the
> good points of the FT 707, I hopefully will get on air maybe later
> this year...73's for the future, GI4HDJ.
>

1542. Re: [FT-707] re: Hello everyone!!

Yahoo group: FT-707
Date: 2016-01-23 13:55:56 UTC
From: portdoverbells@...
Topic: 1539 Message: 1542

My 707 has no noticable drift at all.Rright from a cold start I can operate PSK31. However when I got it it didn't work especially the RIT circuitry.
I have read about turning the top cover around but didn't have to.
In your case you could install a tiny 12 volt computer fan on the inside and point it at the VFO
Remember these rigs are ancient and would definitely benefit from changing the fixed capacitors in the vfo.
Initially you must take measurements of the drift over 1 hr from a cold start then take the vfo cover off and really heat up the interior with a hair dryer. to drive moisture out of the coil former and away from the capacitors. After being allowed to cool for several hours , put the cover back on and then check how much drift it has from a cold start again.
What is drifting? it could be the VFO, The counter, or the BFO or the RIT circuitry.
Dust on the interior is a great cause of drift as moisture clings to the dust
Drift can also be caused by the incremental tuning circuitry. Maybe its control voltage isn't steady enough. Replacing the electrolytic smoothing caps in this circuit may help as well.
Loose wiring on the inside also causes a problem . Make sure that all sloppy wiring is laced back into a harness and remains fixed in position. Sometime in the past someone may have cut the harness to do service and didn't lace it up again as they had fixed the problem and didn't bother relacing the harness.
Jim VE3DDY

1543. Re: [FT-707] re: Hello everyone!!

Yahoo group: FT-707
Date: 2016-01-28 09:42:42 UTC
From: agus.hadi@...
Topic: 1539 Message: 1543

maybe you are right voltage to supply RIT is not stable.

my 707 was drifting about 200 hz after an hour and keep moving. after recapping all caps (two days ago) what was surprising me is the frequency was rock stable maybe less then 50 hz. i still looking for reason what makes vfo stable.

73s de yb1ahy

1544. FP-707

Yahoo group: FT-707
Date: 2016-02-09 15:37:10 UTC
From: ijmcmullan@...
Topic: 1544 Message: 1544

Hello,
I am restoring my FP-707 psu, and need to replace the plastic front panel. (it is the same on the FP-700 and the FP-757!) .Would anybody have one to sell or a parts psu that would have a nice front panel? Hopefully someone can help.
Also looking for a YM-35 microphone.

Many Thanks and 73's
Ian
EI4DP

1545. Digital display

Yahoo group: FT-707
Date: 2016-02-09 19:04:09 UTC
From: g4jss@...
Topic: 1545 Message: 1545

Hi
I am a new member to this group having recently acquired a 707. It works fine except the display has fault. The middle horizontal segment is missing from all digits that require it- e.g. numeral 8 looks like 0 and so on. The missing segment affects all the relevant digits across the display. Would welcome any suggestions,please.
Vic Waddington
G4JSS
PS. I am also looking for a narrow CW filter

1546. Re: [FT-707] Digital display

Yahoo group: FT-707
Date: 2016-02-10 09:38:38 UTC
From: Francesco Messineo
Topic: 1545 Message: 1546

Hi Vic,

On Tue, Feb 9, 2016 at 8:04 PM, g4jss@... [FT-707]
<FT-707@yahoogroups.com> wrote:
>
>
>
> Hi
>
> I am a new member to this group having recently acquired a 707. It works fine except the display has fault. The middle horizontal segment is missing from all digits that require it- e.g. numeral 8 looks like 0 and so on. The missing segment affects all the relevant digits across the display. Would welcome any suggestions,please.

According to the schematic, segment drivers are Q13 to Q19 on the
counter unit. One of them might be faulty, or unsoldered or one of the
associated resistors might be faulty or unsoldered, they are R29 to
R50 on the counter unit.
If the fault isn't there (I'm quite sure it is), then the problem is
in the counter IC Q12.

Best regards
Frank IZ8DWF

1547. Re: FP-707

Yahoo group: FT-707
Date: 2016-02-10 16:05:56 UTC
From: ijmcmullan@...
Topic: 1544 Message: 1547

Hello,
I am restoring my FP-707 psu, and need to replace the plastic front panel. (it is the same on the FP-700 and the FP-757!) .Would anybody have one to sell or a parts psu that would have a nice front panel? Hopefully someone can help.
Also looking for a YM-35 microphone.

Many Thanks and 73's
Ian
EI4DP

1548. Special message : CW Operators may lose their CW sub-bands! Act now!

Yahoo group: FT-707
Date: 2016-03-01 21:23:34 UTC
From: ve2ebp@...
Topic: 1548 Message: 1548

Special message : CW Operators may lose their CW sub-bands! Act now!

ARRL petition RM-11759 asks that 3500-3650 khz be made a RTTY/data sub band.

http://transition.fcc.gov/Daily_Releases/Daily_Business/2016/db0222/DOC-337838A1.pdf

Deposited to the FCC on : 22 Feb 2016

If you enjoy operating 80M CW then this change would make operating CW very difficult as RTTY and CW don't mix well. During one of the many RTTY contests 80M CW operation would be near impossible. My club has a weekly net on 3545 that could go away. This doesnt seem to be well thought out.

The petition asks the FCC to make the following changes to the Part 97 Amateur Radio Service rules, with respect to 80/75 meters:

Modify the RTTY/data subband, so that it extends from 3500 kHz to 3650 kHz.

Please make your voice heard! Please write to the FCC by explaining why RTTY and other digital modes are not compatible with CW operation.

I'm VERY disapointed in the ARRL!

http://www.arrl.org/arrlletter?issue=2016-02-25#toc01

You may file a grievance by going to the following URL and indicate petition number RM-11759 in the proceeding number field:

http://apps.fcc.gov/ecfs/upload/display

For hams residing in the US, click on the Submitting a filing (express)

For hams residing outside of the US: click on submitting a filing

For viewing what others have already written on this, you can point your browser at
http://apps.fcc.gov/ecfs/comment_search/paginate?sortColumn=dateDisseminated&p-ageNumber=1&sortDirection=DESC&pageView=Tabular&proceeding=RM-11759&pageSize=10

or RSS:

http://apps.fcc.gov/ecfs/comment_search/rss?proceeding=RM-11759

Thank you to all for fighting for this.

Pierre, VE2HS.

1549. ForSale: Flex 6500/Flex 6300/ Elecraft K3/P3 & Elecraft KX3.

Yahoo group: FT-707
Date: 2016-03-02 04:10:49 UTC
From: glennj.donofri@...
Topic: 1549 Message: 1549

Price:

Flexradio 6500: $2,750
Flexradio 6300: $1,700

Elecraft K3/P3: $2,200
Elecraft KX3: $1,000

Icom IC Pro3 756: $1,155
Icom IC 7600: $1,800

I am downsizing my shack.

Mike Carron
Email: kb1sdw@gmail.com
MA 02150

73
Mike
''/

1550. Many thanks to PE1REA

Yahoo group: FT-707
Date: 2016-03-02 20:40:55 UTC
From: ve2ebp@...
Topic: 1550 Message: 1550

On behalf of the group, I would like to commend and thank Jinny, PE1REA for her fantastic service to moderate all the messages to the group.
Jinny bounces a lot of spam messages for all our enjoyment and peace of mind every day.

Great service Jinny. Thank you.

Despite all our best efforts, every so often spam may get through but rest assured that Jinny as there to filter out most of them.

73

Pierre
VE2HS
Montreal, CA

1551. Re: Many thanks to PE1REA

Yahoo group: FT-707
Date: 2016-03-02 21:25:23 UTC
From: peliklaas@...
Topic: 1550 Message: 1551

Thanks, after starting my own compagny januari this year I will do what I can....

1552. Muting

Yahoo group: FT-707
Date: 2016-03-03 05:43:07 UTC
From: g4jss@tiscali.co.uk
Topic: 1552 Message: 1552

Hello all
My 707 has developed a fault. It mutes ok on transmit and sometimes stays muted when I stop txing - even though I can hear the
relay drop out. Usually the only way I can get it back to normal is to switch off and back on.
Anybody experienced this fault, please or
have any ideas?
Vic - G4JSS

1553. Re: [FT-707] Muting

Yahoo group: FT-707
Date: 2016-03-04 16:59:14 UTC
From: Barry Mayson
Topic: 1552 Message: 1553

Hi you may hear the relay drop back but sometimes the contacts do not separate and stick they then may release or stick at different speeds. I would go for a cleaning of the relay first it costs nothing but time and may be the solution. If not that I would look at the circuit to see if there is a likely looking DC switching part they may be playing up such as a transistor. It probably won't be that but more like a iffy electrolytic capacitor as they are getting very old. I have had to change several tantalum cap's and I change them out as a matter of course. Have seen many bad ones especially on old equipment. Hope this helps and feel free to contact me if you need any more help. I am having a workshop rearrangement so not able to look into the radio at the moment.
Good luck and let us know how it is going.

Regards Barry

Barry Mayson
On 3 Mar 2016 07:42, "'g4jss@...' g4jss@tiscali.co.uk [FT-707]" <
FT-707@yahoogroups.com> wrote:

>
>
> Hello all
> My 707 has developed a fault. It mutes ok on transmit and sometimes stays
> muted when I stop txing - even though I can hear the
> relay drop out. Usually the only way I can get it back to normal is to
> switch off and back on.
> Anybody experienced this fault, please or
> have any ideas?
> Vic - G4JSS
>
>

1554. Re: [FT-707] Muting

Yahoo group: FT-707
Date: 2016-03-04 17:20:41 UTC
From: Agus H
Topic: 1552 Message: 1554

Hi

I have the reverse problem i have distorted audio when xmit. What i found is the relay in balance mod switch to product detector. I open transparent plastic relay cover using swiss army knife. Then made a small piece of paper sprayed with deoxit i slipped paper between contactor i pressed contactor using hand while i drag the paper. Slipped also at the other side of contactor. Bingo! Problem solved immediately.

If i m not mistaken this relay is to switch between balance modulator to product detector.

Base on experience recapping this radio solving many weird things, one is freq drift but until now i try to figure out why?

Try to clean up relay first.

73s de yb1ahy

On Thu, Mar 3, 2016, 13:42 'g4jss@...' g4jss@...
[FT-707] <FT-707@yahoogroups.com> wrote:

>
>
> Hello all
> My 707 has developed a fault. It mutes ok on transmit and sometimes stays
> muted when I stop txing - even though I can hear the
> relay drop out. Usually the only way I can get it back to normal is to
> switch off and back on.
> Anybody experienced this fault, please or
> have any ideas?
> Vic - G4JSS
>
>

1555. FT-707 Warc bands TX

Yahoo group: FT-707
Date: 2016-04-09 15:58:35 UTC
From: fcomcg@...
Topic: 1555 Message: 1555

Hi all,

I'm EA5AJB and my name is Francisco.
My FT-707 doesn't transmit in 12 and 17 meters band, the board of my radio is PB-2201. The information I found in the FT-707 service manual doesn't match.
I hope you could help me.

Best regards,
Francisco - EA5AJB

PD: Sorry for my English.

1556. Re: [FT-707] FT-707 Warc bands TX

Yahoo group: FT-707
Date: 2016-04-09 17:14:30 UTC
From: Barry Mayson
Topic: 1555 Message: 1556

Hi Francisco their are two part numbers for that board the early one had only 3 coils per band the later had 4. I have a service manual with the two part numbers. I will try and send the different part details tomorrow it is from the service manual. I would send the whole manual but it is too large to send via email. One of the problems of these older radios is that wires break easily and are difficult to trace. And the capacitors dry out over that time giving weird faults, also there are a lot of relays which get stuck or bad contacts due to dust or smoke and if they are used often oxidized. Anyway I will send they manual bits and see if I can find a way to get a link to the service manual for you.

Regards Barry

Barry Mayson
On 9 Apr 2016 18:30, "fcomcg@... [FT-707]" <FT-707@yahoogroups.com> wrote:

>
>
> Hi all,
>
> I'm EA5AJB and my name is Francisco.
> My FT-707 doesn't transmit in 12 and 17 meters band, the board of my
> radio is PB-2201. The information I found in the FT-707 service manual
> doesn't match.
> I hope you could help me.
>
> Best regards,
> Francisco - EA5AJB
>
> PD: Sorry for my English.
>
>
>
>

1557. CW filter

Yahoo group: FT-707
Date: 2016-04-10 10:35:03 UTC
From: g4jss@...
Topic: 782 Message: 1557

Hello all
Been trying for some time now to get a narrow CW filter for 707 but negative.
I find that Inrad do a compatable filter. My question is that the manual instructions for fitting it do not state if it has to be fitted a particular way round or can it be fitted either way?
73
Vic - G4JSS

1558. TX IMD Distortion Improvement Modification...

Yahoo group: FT-707
Date: 2016-04-14 19:33:46 UTC
From: steven.gehring@...
Topic: 1558 Message: 1558

Hello All,

Have any users completed this mod to satisfaction? I am asking before I solder in paralleled 1-Ohm resistors (essentially a near dead-short) between the two points as shown on page 3-15 of the Service Manual. And yes, my transistor pair are marked as low HFE -- as described.

Thanks in advance.

de Steve, NL7W
- not in but around Palmer, Alaska, USA

1559. Where is the sidetone volume adjustment for CW?

Yahoo group: FT-707
Date: 2016-08-07 00:33:30 UTC
From: allenwh@...
Topic: 1559 Message: 1559

I have done this in the past but I cannot find it in the manual and do not recall where it is! I thought it was on the side.

It does transmit OK, but I cannot hear any sidetone...

Thanks,
Bill AJ4TX

1560. Re: [FT-707] Where is the sidetone volume adjustment for CW?

Yahoo group: FT-707
Date: 2016-08-10 06:10:12 UTC
From: Francesco Messineo
Topic: 1559 Message: 1560

Hello,
there's a sidetone trimmer on the bottom of the radio, there're holes to
access some trimmers
without removing the bottom panel.
73
Frank IZ8DWF

On Sun, Aug 7, 2016 at 2:33 AM, allenwh@... [FT-707] <
FT-707@yahoogroups.com> wrote:

>
>
> I have done this in the past but I cannot find it in the manual and do not
> recall where it is! I thought it was on the side.
>
> It does transmit OK, but I cannot hear any sidetone...
>
> Thanks,
> Bill AJ4TX
>
>
>
>

1561. FT 707

Yahoo group: FT-707
Date: 2016-09-22 21:09:21 UTC
From: David Coubrough
Topic: 36 Message: 1561

HI everybody, have just joined as a owner of a 707,It recently started having problems with the readout, when first switched on the display reads random figures like 91.676 for about 15 minutes then read's out correct frequency and tx and rx's correctly as if its going out of lock, has anyone had this problem and can anyone shed any light on the problem.
Thanks in advance.
Dave Coubrough M3CAD.

Regards Dave

1562. Re: [FT-707] FT 707

Yahoo group: FT-707
Date: 2016-09-24 07:51:17 UTC
From: Francesco Messineo
Topic: 36 Message: 1562

Hello David,

On Thu, Sep 22, 2016 at 11:09 PM, David Coubrough
david.coubrough@... [FT-707] <FT-707@yahoogroups.com> wrote:
>
>
>
> HI everybody, have just joined as a owner of a 707,It recently started having problems with the readout, when first switched on the display reads random figures like 91.676 for about 15 minutes then read's out correct frequency and tx and rx's correctly as if its going out of lock, has anyone had this problem and can anyone shed any light on the problem.

the display of the 707 is just a frequency counter, if RX/TX works on
the correct frequency even when the display is not working, you can be
sure that the fault is somewhere in the counter PCB.
Unfortunately the counter chip is out of production since ages now.
However, in my experience, the likely failures are several others (it
may be very well a bad solder joint).
First have a look at the schematic (LSI counter unit):
the input signal comes with a little coaxial cable and I've found that
those connectors used on the 707 often develop some intermittent
contacts, so check that you actually have a signal after the
connector. The signal is then amplified by Q01 and Q03, then fed to
the LSI chip, so check that both these stages are working
(amplifying).
Also Q04 is important because it acts as a sort of AGC for the input
signal to the counter, it
drives Q01's bias gate trying to maintain a constant level of the
signal that goes into the LSI counter, that's because the input signal
is just a replica of the LO signal and its level may vary from band to
band (you might also try different bands when the counter is not
working to see if it's some kind of level problem maybe).
This will get you started on troubleshooting the thing :)

73
Frank IZ8DWF

1563. Re: [FT-707] FT 707

Yahoo group: FT-707
Date: 2016-09-24 15:43:26 UTC
From: Barry Mayson
Topic: 36 Message: 1563

Hi David follow Franks advice excellent routine for sorting out if the fault is fixable. Although the main chip is out of production there is a replacement board using a pic to generate the display looks the same as uses the existing LEDs I have one radio with it and it is fine just can not remember the guys name. Will try and remember and send the details but some one may know? Good luck hope its an easy one to find also worth checking and re-tighten the screws in case of HR to ground as that makes weird things happen.

Barry Mayson

On 23 Sep 2016 23:06, "David Coubrough david.coubrough@gmail.com [FT-707]" <
FT-707@yahoogroups.com> wrote:

>
>
> HI everybody, have just joined as a owner of a 707,It recently started
> having problems with the readout, when first switched on the display reads
> random figures like 91.676 for about 15 minutes then read's out correct
> frequency and tx and rx's correctly as if its going out of lock, has
> anyone had this problem and can anyone shed any light on the problem.
> Thanks in advance.
> Dave Coubrough M3CAD.
>
> Regards Dave
>
>

1564. Re: [FT-707] FT 707

Yahoo group: FT-707
Date: 2016-09-24 12:29:23 UTC
From: ijmcmullan@...
Topic: 36 Message: 1564

Hi Dave,
If the MSM9520RS chip proves to be faulty you might consider this:
www.qsl.net/oh8jep/ja2svz/

Ian
EI4DP

1565. YM-35 microphone

Yahoo group: FT-707
Date: 2016-10-10 19:29:52 UTC
From: ijmcmullan@...
Topic: 1565 Message: 1565

Hi Everbody,
Still looking to buy a Yaesu YM-35 microphone, any condition.
Many Thanks
73s
Ian
EI4DP

1566. Intermittent Tx /ALC Fault

Yahoo group: FT-707
Date: 2016-11-11 07:13:05 UTC
From: zl2alk
Topic: 1566 Message: 1566

Hi to all...here's hoping someone else has run into the following problem and found a simple fix...when transmitting SSB no ALC indicated on bar graph and no forward power indicated on FC700 meter...signal reports are very poor...after sometimes 5 seconds or sometimes 30 seconds Tx power begins to increase and slowly continues to increase to the point where suddenly it come right up to full output and ALC appears to be functional...I thought at first this was a power supply issue however substituting a fully charged 120 amp/hour battery has not eliminated the problem...rig tunes up no problem and no shortage of carrier level...any suggestions from bright sparks welcome...73 from the South Pacific...zl2alk Lamont

Sent from my iPhone

1567. Re: [FT-707] Intermittent Tx /ALC Fault

Yahoo group: FT-707
Date: 2016-11-13 21:02:56 UTC
From: Miguel Angel Portillo Serra
Topic: 1566 Message: 1567

Changing the main relay, or all relays of tx / rx, is a problem of relays.

2016-11-11 8:13 GMT+01:00 zl2alk zl2alk@... [FT-707] <
FT-707@yahoogroups.com>:

>
>
> Hi to all...here's hoping someone else has run into the following problem
> and found a simple fix...when transmitting SSB no ALC indicated on bar
> graph and no forward power indicated on FC700 meter...signal reports are
> very poor...after sometimes 5 seconds or sometimes 30 seconds Tx power
> begins to increase and slowly continues to increase to the point where
> suddenly it come right up to full output and ALC appears to be
> functional...I thought at first this was a power supply issue however
> substituting a fully charged 120 amp/hour battery has not eliminated the
> problem...rig tunes up no problem and no shortage of carrier level...any
> suggestions from bright sparks welcome...73 from the South Pacific...zl2alk
> Lamont
>
> Sent from my iPhone
>
>

1568. Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-01 10:11:07 UTC
From: Behiels jean-Pierre
Topic: 1568 Message: 1568

Hi Members;

I do have the next failure on my old FT707 transceiver.

During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals
!!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX
relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thanks anyway for possible advice

73's Jean ON4AEF.

E-mail : on4aef@...

1569. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-01 14:27:36 UTC
From: Curt Nixon
Topic: 1568 Message: 1569

Hello Jean:

The main TR relay is on the PA board. You need to carefully fold the two halves (top and bottom) open like a book. THey remain connected by cables but will lay flat on the bench. Remove the PA cover and the TR relay is in the rear corner next to the "hinge" edge. THere are also funny coax push connectors there and they can get a little dirty. Does the Rig return to RX condition just without signals, or does it actually remain in Tx?

If it not returning to Rx, then there are some other points to look at. Relays on the AVR board (a really pain to reach).

Curt
KU8L

On 12/1/2016 5:11 AM, 'Behiels jean-Pierre'
jeanpierre.behiels@... [FT-707] wrote:
>
> Hi Members;
>
> I do have the next failure on my old FT707 transceiver.
>
> During a qso and after leaving the CW key I do not come back in receive ?
>
> I do receive nothing anymore from HF band signals.
>
> I have to toggle a few times on the MOX switch to obtain again RX
> signals !!!
>
> Do has this failure something with a failed TX/RX relays ?
>
> Could someone my route in the correct direction where this possible
> TX/RX relay is located into the FT707.
>
> Or are there some more relays to take a look on it for this failure ?
>
> I now that this transceiver is a very difficult one to work on hi ..
>
> Thank! s anyway for possible advice
>
> 73’s Jean ON4AEF.
>
> *E-mail : on4aef@... <mailto:on4aef@...>*
>
> **

>
> **
>
>

1570. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-01 18:17:10 UTC
From: Curt Nixon
Topic: 1568 Message: 1570

Please disregard my input previously---I had a brain cramp and was
referring to the FT-890. Obviously, the 707 is completely different.
Sorry for the confusion.

On 12/1/2016 9:27 AM, Curt Nixon captcurt@... [FT-707] wrote:
>
> Hello Jean:
>
> The main TR relay is on the PA board. You need to carefully fold the
> two halves (top and bottom) open like a book. THey remain connected
> by cables but will lay flat on the bench. Remove the PA cover and the
> TR relay is in the rear corner next to the "hinge" edge. THere are
> also funny coax push connectors there and they can get a little
> dirty. Does the Rig return to RX condition just without signals, or
> does it actually remain in Tx?
>
> If it not returning to Rx, then there are some other points to look
> at. Relays on the AVR board (a really pain to reach).
>
> Curt
> KU8L
>
> On 12/1/2016 5:11 AM, 'Behiels jean-Pierre'
> jeanpierre.behiels@... [FT-707] wrote:
>>
>> Hi Members;
>>
>> I do have the next failure on my old FT707 transceiver.
>>
>> During a qso and after leaving the CW key I do not come back in receive ?
>>
>> I do receive nothing anymore from HF band signals.
>>
>> I have to toggle a few times on the MOX switch to obtain again RX
>> signals !!!
>>
>> Do has this failure something with a failed TX/RX relays ?
>>
>> Could someone my route in the correct direction where this possible
>> TX/RX relay is located into the FT707.
>>
>> Or are there some more relays to take a look on it for this failure ?
>>
>> I now that this transceiver is a very difficult one to work on hi ..
>>

>> Thank! s anyway for possible advice
>>
>> 73’s Jean ON4AEF.
>>
>> *E-mail : on4aef@... <mailto:on4aef@...>*
>>
>> **
>>
>> **
>>
>
>

1571. [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-02 08:52:13 UTC
From: Behiels jean-Pierre
Topic: 1568 Message: 1571

Hi Members;

I do have the next failure on my old FT707 transceiver.

During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals
!!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX
relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thanks anyway for possible advice

73's Jean ON4AEF.

E-mail : on4aef@...

1572. RE: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-02 08:57:08 UTC
From: Behiels jean-Pierre
Topic: 1568 Message: 1572

Hi Curt;

No problem, I hope someone other on the usergroup could help me about this subject.
There are no transmitting indicators on this transceiver

But by operating CW I do hear some relays fall-off and power goes to ZERO watts but I do have no reception anymore of HF signals ?

Perhaps it could be the general RX/TX relay.

I now the FT707 is a very difficult transceiver to repair due is bad mechanical setup and many short wires and poor place inside the Japanese box hi

Regards Jean ON4AEF.

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: donderdag 1 december 2016 19:17
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Yaesu FT707

Please disregard my input previously---I had a brain cramp and was referring to the FT-890. Obviously, the 707 is completely different. Sorry for the confusion.

On 12/1/2016 9:27 AM, Curt Nixon captcurt@flash.net [FT-707] wrote:

Hello Jean:

The main TR relay is on the PA board. You need to carefully fold the two halves (top and bottom) open like a book. THey remain connected by cables but will lay flat on the bench. Remove the PA cover and the TR relay is in the rear corner next to the "hinge" edge. THere are also funny coax push connectors there and they can get a little dirty. Does the Rig return to RX condition just without signals, or does it actually remain in Tx?

If it not returning to Rx, then there are some other points to look at. Relays on the AVR board (a really pain to reach).

Curt
KU8L

On 12/1/2016 5:11 AM, 'Behiels jean-Pierre' jeanpierre.behiels@... [FT-707] wrote:

Hi Members;

I do have the next failure on my old FT707 transceiver.

During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals !!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thank! s anyway for possible advice

73’s Jean ON4AEF.

E-mail : on4aef@...

1573. RE: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-02 10:39:57 UTC
From: Dave Wade
Topic: 1568 Message: 1573

Almost certainly the TX/RX relay. It's a known weak spot. From what I remember exact replacements are hard to find.

I found this article interesting, it has more details but I am not sure its 100% accurate.

http://oh2ffy.altervista.org/ft-707_avr/ft707-01.html

but he has built an entire replacement board. Might be worth checking which AVR board you have. The FT707 service manual is here:-

http://www.radiomanual.info/schemi/FT707_serv.pdf

and there are more docs in the groups files section.

Dave

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: 02 December 2016 08:52
To: ft-707@yahoogroups.com
Subject: [FT-707] Yaesu FT707

Hi Members;

I do have the next failure on my old FT707 transceiver.

During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals !!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thanks anyway for possible advice

73's Jean ON4AEF.

E-mail : on4aef@... <mailto:on4aef@...>

1574. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-02 15:05:35 UTC
From: Curt Nixon
Topic: 1568 Message: 1574

Hi Jean:

On the 707, the main RF T/R relay is located on the LPF board. The LPF board is mounted just forward of the PA Unit. The PA can come off the rear as an assembly. (it is nearly identical to the FT_ONE PA Module which speaks to the quality of the 707) Under the PA Module is the LPF board.

Curt

On 12/2/2016 3:57 AM, 'Behiels jean-Pierre' jeanpierre.behiels@... [FT-707] wrote:
>
> Hi Curt;
>
> No problem, I hope someone other on the usergroup could help me about
> this subject.
> There are no transmitting indicators on this transceiver
>
> But by operating CW I do hear some relays fall-off and power goes to
> ZERO watts but I do have no reception anymore of HF signals ?
>
> Perhaps it could be the general RX/TX relay.
>
> I now the FT707 is a very difficult transceiver to repair due is bad
> mechanical setup and many short wires and poor place inside the
> Japanese box hi
>
> Regards Jean ON4AEF.
>
> *From:*FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
> *Sent:* donderdag 1 december 2016 19:17
> *To:* FT-707@yahoogroups.com
> *Subject:* Re: [FT-707] Yaesu FT707
>
> Please disregard my input previously---I had a brain cramp and was
> referring to the FT-890. Obviously, the 707 is completely
> different. Sorry for the confusion.
>
>
> On 12/1/2016 9:27 AM, Curt Nixon captcurt@...
> <mailto:captcurt@...> [FT-707] wrote:
>
> Hello Jean:
>
> The main TR relay is on the PA board. You need to carefully fold

> the two halves (top and bottom) open like a book. THey remain
> connected by cables but will lay flat on the bench. Remove the PA
> cover and the TR relay is in the rear corner next to the "hinge"
> edge. THere are also funny coax push connectors there and they
> can get a little dirty. Does the Rig return to RX condition just
> without signals, or does it actually remain in Tx?
>
> If it not returning to Rx, then there are some other points to
> look at. Relays on the AVR board (a really pain to reach).
>
> Curt
> KU8L
>
> On 12/1/2016 5:11 AM, 'Behiels jean-Pierre'
> jeanpierre.behiels@...
> <mailto:jeanpierre.behiels@...> [FT-707] wrote:
>
> Hi Members;
>
> I do have the next failure on my old FT707 transceiver.
>
> During a qso and after leaving the CW key I do not come back
> in receive ?
>
> I do receive nothing anymore from HF band signals.
>
> I have to toggle a few times on the MOX switch to obtain again
> RX signals !!!
>
> Do has this failure something with a failed TX/RX relays ?
>
> Could someone my route in the correct direction where this
> possible TX/RX relay is located into the FT707.
>
> Or are there some more relays to take a look on it for this
> failure ?
>
> I now that this transceiver is a very difficult one to work on
> hi ..
>
> Thank! s anyway for possible advice
>
> 73’s Jean ON4AEF.
>
> *E-mail : on4aef@... <mailto:on4aef@...>*
>
> **
>
>

1575. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-03 07:39:27 UTC
From: jeanpierre.behiels@...
Topic: 1568 Message: 1575

About the AVR board

This relay on this board is for switching the power supply (power ON/OFF) not used for the antenna signals ?
I will take a look on the service manual I have downloaded today !

Regards Jean ON4AEF.

----- Oorspronkelijk bericht -----

Van: "'Dave Wade' dave.g4ugm@... [FT-707]" <FT-707@yahoogroups.com>
Aan: FT-707@yahoogroups.com
Verzonden: Vrijdag 2 december 2016 11:39:57
Onderwerp: RE: [FT-707] Yaesu FT707

Almost certainly the TX/RX relay. It’s a known weak spot. From what I remember exact replacements are hard to find.

I found this article interesting, it has more details but I am not sure its 100% accurate…

http://oh2ffy.altervista.org/ft-707_avr/ft707-01.html

but he has built an entire replacement board. Might be worth checking which AVR board you have. The FT707 service manual is here:-

http://www.radiomanual.info/schemi/FT707_serv.pdf

and there are more docs in the groups files section.

Dave

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: 02 December 2016 08:52
To: ft-707@yahoogroups.com
Subject: [FT-707] Yaesu FT707

Hi Members;

I do have the next failure on my old FT707 transceiver.

During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals !!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thanks anyway for possible advice

73’s Jean ON4AEF.

E-mail : on4aef@...

1576. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-03 07:41:59 UTC
From: jeanpierre.behiels@...
Topic: 1568 Message: 1576

Dave ;

I think the TX/RX relay is located on the LPF board PN2118 !!!

Regards Jean ON4AEF.

----- Oorspronkelijk bericht -----

Van: "'Dave Wade' dave.g4ugm@... [FT-707]" <FT-707@...m>
Aan: FT-707@yahoogroups.com
Verzonden: Vrijdag 2 december 2016 11:39:57
Onderwerp: RE: [FT-707] Yaesu FT707

Almost certainly the TX/RX relay. It’s a known weak spot. From what I remember exact replacements are hard to find.

I found this article interesting, it has more details but I am not sure its 100% accurate…

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but he has built an entire replacement board. Might be worth checking which AVR board you have. The FT707 service manual is here:-

http://www.radiomanual.info/schemi/FT707_serv.pdf

and there are more docs in the groups files section.

Dave

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: 02 December 2016 08:52
To: ft-707@yahoogroups.com
Subject: [FT-707] Yaesu FT707

Hi Members;

I do have the next failure on my old FT707 transceiver.

During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals !!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thanks anyway for possible advice

73’s Jean ON4AEF.

E-mail : on4aef@...

1577. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-03 13:29:15 UTC
From: Curt Nixon
Topic: 1568 Message: 1577

That is correct Jean: At least for the one I had.

The AVR board is a problematic part however. It has very little clearance around it and runs quite hot. It is the source of problems on many 707's.

Curt, KU8L
EME from EN82
www.vizkey.com (http://www.vizkey.com)

On 12/3/2016 2:41 AM, jeanpierre.behiels@... [FT-707] wrote:

Dave ;

I think the TX/RX relay is located on the LPF board PN2118 !!!

Regards Jean ON4AEF.

Van: "'Dave Wade' dave.g4ugm@... [FT-707]"
Aan: FT-707@yahoogroups.com
Verzonden: Vrijdag 2 december 2016 11:39:57
Onderwerp: RE: [FT-707] Yaesu FT707

Almost certainly the TX/RX relay. It’s a known weak spot. From what I remember exact replacements are hard to find.

I found this article interesting, it has more details but I am not sure its 100% accurate…

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Dave

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: 02 December 2016 08:52
To: ft-707@yahoogroups.com
Subject: [FT-707] Yaesu FT707

Hi Members;

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During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

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Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thanks anyway for possible advice

73’s Jean ON4AEF.

E-mail : on4aef@...

1578. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-04 11:34:28 UTC
From: Kb3hg@...
Topic: 1568 Message: 1578

Curt,
Talk about odd happenings my receiver is dead in unless i am in wide mode,never heard this one talked about. funny thing is not just one but two 707s. ever heard this one?

Tom

-----Original Message-----
From: Curt Nixon captcurt@... [FT-707] <FT-707@yahoogroups.com>
To: FT-707 <FT-707@yahoogroups.com>
Sent: Fri, Dec 2, 2016 11:38 am
Subject: Re: [FT-707] Yaesu FT707

Hi Jean:

On the 707, the main RF T/R relay is located on the LPF board. The LPF board is mounted just forward of the PA Unit. The PA can come off the rear as an assembly. (it is nearly identical to the FT_ONE PA Module which speaks to the quality of the 707) Under the PA Module is the LPF board.

Curt

On 12/2/2016 3:57 AM, 'Behiels jean-Pierre' jeanpierre.behiels@... [FT-707] wrote:

Hi Curt;

No problem, I hope someone other on the usergroup could help me about this subject.
There are no transmitting indicators on this transceiver

But by operating CW I do hear some relays fall-off and power goes to ZERO watts but I do have no reception anymore of HF signals ?

Perhaps it could be the general RX/TX relay.

I now the FT707 is a very difficult transceiver to repair due is bad mechanical setup and many short wires and poor place inside the Japanese box hi

Regards Jean ON4AEF.

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: donderdag 1 december 2016 19:17
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Yaesu FT707

Please disregard my input previously---I had a brain cramp and was referring to the FT-890. Obviously, the 707 is completely different. Sorry for the confusion.

On 12/1/2016 9:27 AM, Curt Nixon captcurt@... [FT-707] wrote:

Hello Jean:

The main TR relay is on the PA board. You need to carefully fold the two halves (top and bottom) open like a book. THey remain connected by cables but will lay flat on the bench. Remove the PA cover and the TR relay is in the rear corner next to the "hinge" edge. THere are also funny coax push connectors there and they can get a little dirty. Does the Rig return to RX condition just without signals, or does it actually remain in Tx?

If it not returning to Rx, then there are some other points to look at. Relays on the AVR board (a really pain to reach).

Curt
KU8L

On 12/1/2016 5:11 AM, 'Behiels jean-Pierre' jeanpierre.behiels@... [FT-707] wrote:

Hi Members;

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During a qso and after leaving the CW key I do not come back in receive ?

I do receive nothing anymore from HF band signals.

I have to toggle a few times on the MOX switch to obtain again RX signals !!!

Do has this failure something with a failed TX/RX relays ?

Could someone my route in the correct direction where this possible TX/RX relay is located into the FT707.

Or are there some more relays to take a look on it for this failure ?

I now that this transceiver is a very difficult one to work on hi ..

Thank! s anyway for possible advice

73’s Jean ON4AEF.

E-mail : on4aef@...

1579. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-04 12:15:27 UTC
From: Dave Wade
Topic: 1568 Message: 1579

Narrow filter was an option.

On 4 Dec 2016 11:34, "Kb3hg@... [FT-707]" <FT-707@yahoogroups.com>
wrote:

>
>
> Curt,
> Talk about odd happenings my receiver is dead in unless i am in wide
> mode,never heard this one talked about. funny thing is not just one but two
> 707s. ever heard this one?
>

> Tom
>
>
> -----Original Message-----
> From: Curt Nixon captcurt@flash.net [FT-707] <FT-707@yahoogroups.com>
> To: FT-707 <FT-707@...m>
> Sent: Fri, Dec 2, 2016 11:38 am
> Subject: Re: [FT-707] Yaesu FT707
>
>
>

> Hi Jean:
>
> On the 707, the main RF T/R relay is located on the LPF board. The LPF
> board is mounted just forward of the PA Unit. The PA can come off the rear
> as an assembly. (it is nearly identical to the FT_ONE PA Module which
> speaks to the quality of the 707) Under the PA Module is the LPF board.
>
> Curt
>
> On 12/2/2016 3:57 AM, 'Behiels jean-Pierre' jeanpierre.behiels@...
> [FT-707] wrote:
>
>
>
> Hi Curt;
>
> No problem, I hope someone other on the usergroup could help me about this
> subject.
> There are no transmitting indicators on this transceiver
> But by operating CW I do hear some relays fall-off and power goes to ZERO
> watts but I do have no reception anymore of HF signals ?

> Perhaps it could be the general RX/TX relay.
> I now the FT707 is a very difficult transceiver to repair due is bad
> mechanical setup and many short wires and poor place inside the Japanese
> box hi
>
> Regards Jean ON4AEF.
>
> *From:* FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com
> <FT-707@yahoogroups.com>]
> *Sent:* donderdag 1 december 2016 19:17
> *To:* FT-707@yahoogroups.com
> *Subject:* Re: [FT-707] Yaesu FT707
>
>
> Please disregard my input previously---I had a brain cramp and was
> referring to the FT-890. Obviously, the 707 is completely different.
> Sorry for the confusion.
>
>
> On 12/1/2016 9:27 AM, Curt Nixon captcurt@... [FT-707] wrote:
>
>
> Hello Jean:
>
> The main TR relay is on the PA board. You need to carefully fold the two
> halves (top and bottom) open like a book. THey remain connected by cables
> but will lay flat on the bench. Remove the PA cover and the TR relay is in
> the rear corner next to the "hinge" edge. THere are also funny coax push
> connectors there and they can get a little dirty. Does the Rig return to
> RX condition just without signals, or does it actually remain in Tx?
>
> If it not returning to Rx, then there are some other points to look at.

> Relays on the AVR board (a really pain to reach).
>
> Curt
> KU8L
> On 12/1/2016 5:11 AM, 'Behiels jean-Pierre' jeanpierre.behiels@...
> [FT-707] wrote:
>
>
> Hi Members;
>
> I do have the next failure on my old FT707 transceiver.
> During a qso and after leaving the CW key I do not come back in receive ?
> I do receive nothing anymore from HF band signals.
> I have to toggle a few times on the MOX switch to obtain again RX signals
> !!!
> Do has this failure something with a failed TX/RX relays ?
> Could someone my route in the correct direction where this possible TX/RX

> relay is located into the FT707.
> Or are there some more relays to take a look on it for this failure ?
> I now that this transceiver is a very difficult one to work on hi ..
>
> Thank! s anyway for possible advice
>
> 73’s Jean ON4AEF.
>
> *E-mail : on4aef@... <on4aef@...>*
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1580. Re: [FT-707] Yaesu FT707

Yahoo group: FT-707
Date: 2016-12-04 15:30:33 UTC
From: Curt Nixon
Topic: 1568 Message: 1580

HI tom:

No, haven't seen or heard that one. If that is really the only criteria for the failure or loss of signal, the path difference in narrow/wide is a small number of possibilities. If it has the narrow filter, perhaps filter failure, if no narrow filter, the jumpers install could have failed. Other than that, the switching. The block diagram is the place to start, after being sure that narrow/wide is the single combination that marks failure.

I can look at the diagrams later and see if anything else comes to mind...sure unusual to have two similar failures like that tho..

Curt
KU8L

On 12/4/2016 6:34 AM, Kb3hg@... [FT-707] wrote:

Curt,

Talk about odd happenings my receiver is dead in unless i am in wide mode,never heard this one talked about. funny thing is not just one but two 707s. ever heard this one?

Tom

-----Original Message-----
From: Curt Nixon captcurt@... [FT-707]
To: FT-707
Sent: Fri, Dec 2, 2016 11:38 am
Subject: Re: [FT-707] Yaesu FT707

Hi Jean:

On the 707, the main RF T/R relay is located on the LPF board. The LPF board is mounted just forward of the PA Unit. The PA can come off the rear as an assembly. (it is nearly identical to the FT_ONE PA Module which speaks to the quality of the 707) Under the PA Module is the LPF board.

Curt

On 12/2/2016 3:57 AM, 'Behiels jean-Pierre' jeanpierre.behiels@... [FT-707] wrote:

Hi Curt;

No problem, I hope someone other on the usergroup could help me about this subject.
There are no transmitting indicators on this transceiver

But by operating CW I do hear some relays fall-off and power goes to ZERO watts but I do have no reception anymore of HF signals ?

Perhaps it could be the general RX/TX relay.

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Regards Jean ON4AEF.

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Sent: donderdag 1 december 2016 19:17
To: FT-707@yahoogroups.com
Subject: Re: [FT-707] Yaesu FT707

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If it not returning to Rx, then there are some other points to look at. Relays on the AVR board (a really pain to reach).

Curt
KU8L

On 12/1/2016 5:11 AM, 'Behiels jean-Pierre' jeanpierre.behiels@... [FT-707] wrote:

Hi Members;

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I now that this transceiver is a very difficult one to work on hi ..

Thank! s anyway for possible advice

73’s Jean ON4AEF.

E-mail : on4aef@...

1581. Happy New Year! FV-707DM VFO For Sale...

Yahoo group: FT-707
Date: 2017-01-02 02:16:30 UTC
From: steven.gehring@...
Topic: 1581 Message: 1581

Happy New Year All!

I have an FV-707DM VFO for sale. It is in good to very good condition and electrically work well. From my garage electronics workbench, I can snap a picture or two for review.

$65 plus whatever it takes (TBD) to likely ship in a USPS large priority flat box (12" x 12" x 6"). I will pack well inside a plastic bag, surrounded by sheets of styrofoam and peanuts. Will accept a personal check, and will immediately ship upon bank approval.

Email if interested: stevenl7w at gmail.com

73 de Steve, NL7W

Note: I will be selling an FT-707 mobile mounting bracket soon also.

1582. Re: Frequency Alignment in rx tx

Yahoo group: FT-707
Date: 2017-01-08 21:46:36 UTC
From: radiocomunications@...
Topic: 1512 Message: 1582

any suggestion, any idea...

---In FT-707@yahoogroups.com, <radiocomunications@...> wrote :

Greetings from venezuela, any can help me, need check and calibrate frequency in rx and tx FT 707, manual really it's not explain correct way to do

1583. fs: Flex 6300/Icom 7800/Icom PW1/Elecraft k3

Yahoo group: FT-707
Date: 2017-01-09 06:52:52 UTC
From: larry.rj73@...
Topic: 1583 Message: 1583

Email: k4leo.e@gmail.com
Anan 200D: $2600, ANAN-100D SDR: $1,250
Yaesu FTDX 5000MP: $2,600, Yaesu FTDX-3000: $1,500
Flex 5000A: $1,600, Flex 6500: $2,500, Flex 6300:$1,800
Icom PW1: $2,200 , Icom 7600: $1800 , Icom 7800: $3,600
Alpha 9500 $4,000 , Alpha 8410 with 4CX1000A tubes: $2,600
ACOM 2000A: $3900 ,Acom 1000 Amp : $1,600
Elecraft k3: $1800, Elecraft KX3: $1600
Ameritron AL-1500: $1700 ,Ameritron AL-82: $1,300
Commander 2500: $1,400
Ten-Tec Orion II
Kenwood TS-2000LE,Kenwodd TS-950SDX,Kenwood TS 990
SteppIR 4 Element

Thanks,
Email: k4leo.e@gmail.com
K4LEO
WILLIAM E HENDERSON
TX 76518
73.

1584. ..fs: Flex 6300/Icom 7800/Icom PW1/Elecraft k3

Yahoo group: FT-707
Date: 2017-01-09 07:17:00 UTC
From: larry.rrjj@...
Topic: 1584 Message: 1584

Email: k4leo.e@gmail.com
Anan 200D: $2600, ANAN-100D SDR: $1,250
Yaesu FTDX 5000MP: $2,600, Yaesu FTDX-3000: $1,500
Flex 5000A: $1,600, Flex 6500: $2,500, Flex 6300:$1,800
Icom PW1: $2,200 , Icom 7600: $1800 , Icom 7800: $3,600
Alpha 9500 $4,000 , Alpha 8410 with 4CX1000A tubes: $2,600
ACOM 2000A: $3900 ,Acom 1000 Amp : $1,600
Elecraft k3: $1800, Elecraft KX3: $1600
Ameritron AL-1500: $1700 ,Ameritron AL-82: $1,300
Commander 2500: $1,400
Ten-Tec Orion II
Kenwood TS-2000LE,Kenwodd TS-950SDX,Kenwood TS 990
SteppIR 4 Element

Thanks,
Email: k4leo.e@gmail.com
K4LEO
WILLIAM E HENDERSON
TX 76518
73

1585. Re: Happy New Year! FV-707DM VFO For Sale...

Yahoo group: FT-707
Date: 2017-04-18 13:08:08 UTC
From: reineckelaluz@...
Topic: 1581 Message: 1585

Steve
Did you sell the FV-707DM, I am interested as I just traded back for my FT-707 that I had traded off in a weak moment!
Michael KG5DAC

1586. RE: [FT-707] Re: Happy New Year! FV-707DM VFO For Sale...

Yahoo group: FT-707
Date: 2017-04-19 17:44:11 UTC
From: Steven Gehring
Topic: 1581 Message: 1586

Hi Michael,

No, I have not. I have it and the associated FT-707 radio mount available for a reasonable cost. $60 for both, plus whatever a USPS flat rate box is (need to find out what box it fits). They both look great and are functional.

I am working in Milwaukee Wisconsin as the police department's new Comm Systems Manager, and am in the process of moving my family down from Alaska. That being the case, my son, David (KL7SH) could address shipment of this item if you remain interested. He could address this when a personal check clears.

My QRZ.com mailing address is correct for personal check mailing. It's the same as below.

Let me know... and thanks for the interest. 73.

Steve Gehring, NL7W

10225 E Strand Dr

Palmer, AK 99645-8975

Mobile: 907.355.2370

From: FT-707@yahoogroups.com [mailto:FT-707@yahoogroups.com]
Sent: Tuesday, April 18, 2017 8:08 AM
To: FT-707@yahoogroups.com
Subject: [FT-707] Re: Happy New Year! FV-707DM VFO For Sale...

Steve

Did you sell the FV-707DM, I am interested as I just traded back for my FT-707 that I had traded off in a weak moment!

Michael KG5DAC

1587. Wanted - FC-707

Yahoo group: FT-707
Date: 2017-04-21 07:43:02 UTC
From: drewk101@...
Topic: 1587 Message: 1587

Hi All

I'm looking for a FC-707 Antenna tuner to go with my FT-707.

Regularly scouring the known auction sites but if anyone has one or knows of one for sale I'd be grateful.

Preferably located in the UK.

Many thanks

Andy

1588. Re: [FT-707] Wanted - FC-707

Yahoo group: FT-707
Date: 2017-04-22 09:58:09 UTC
From: g4sra
Topic: 1587 Message: 1588

When you get one, be sure to check the ageing diodes have not gone soft (the simplest test is to check the SWR at both QRP and QRO into a 100 Ohm dummy load).

I have known of two of these where at least one of the diodes was causing false readings. I was alerted by my wet piece of string measuring as 1:1.2 when I knew it was closer to 1:1.8.

On 21/04/17 08:43, drewk101@... [FT-707] wrote:
> Hi All
>
> I'm looking for a FC-707 Antenna tuner to go with my FT-707.
>
> Regularly scouring the known auction sites but if anyone has one or knows of one for sale
> I'd be grateful.
>
> Preferably located in the UK.
>
> Many thanks
>
> Andy
>
>

1589. Re: [FT-707] Wanted - FC-707

Yahoo group: FT-707
Date: 2017-04-22 10:30:36 UTC
From: drewk101@...
Topic: 1587 Message: 1589

Thanks for the info.

Is this the 1SS16 diodes?

I have now managed to source one and will check it out once it arrives and maybe look at replacing them anyway.

1590. Re: [FT-707] Wanted - FC-707

Yahoo group: FT-707
Date: 2017-04-24 21:11:32 UTC
From: g4sra
Topic: 1587 Message: 1590

On 22/04/17 11:30, drewk101@... [FT-707] wrote:
> Thanks for the info.
>
> Is this the 1SS16 diodes?
Yes. D101 & D102 on the schematic.

>
> I have now managed to source one and will check it out once it arrives and maybe look at replacing them anyway.
>